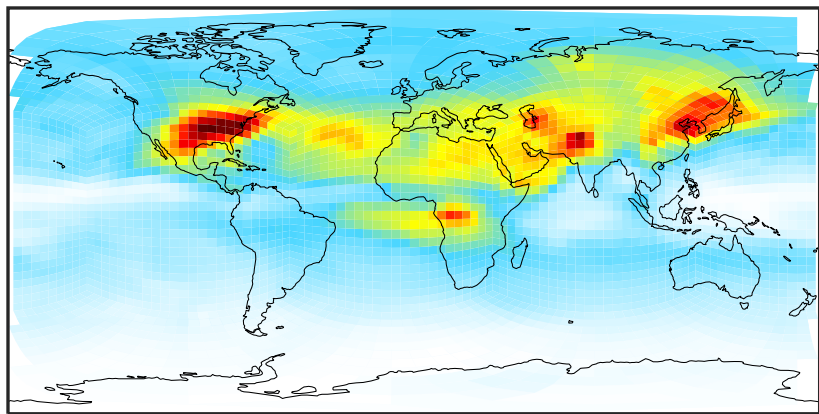


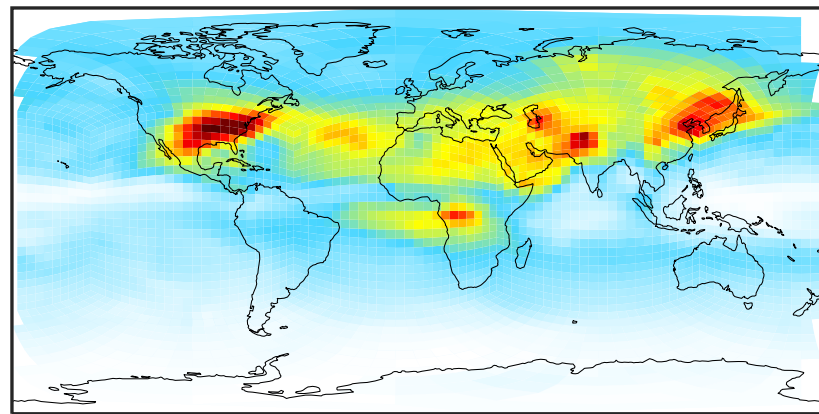
SpeciesConcVV_NOy

Fast-JX in 14.3.0 (Ref)
c24



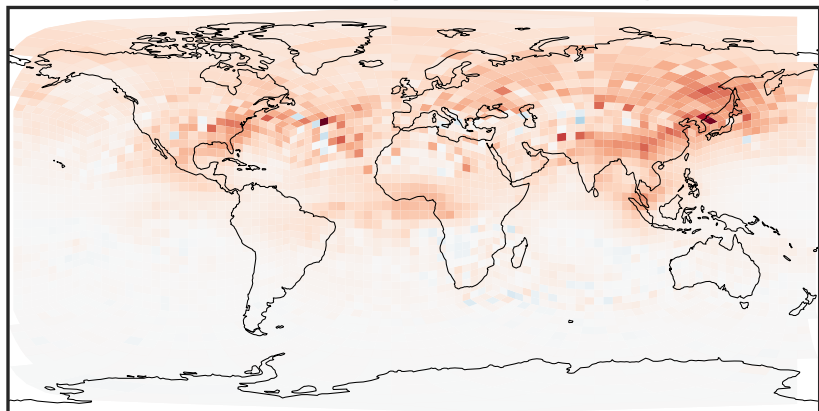
0.039 0.394 0.749 1.104 1.459
ppb

Cloud-J in 14.3.0 (Dev)
c24



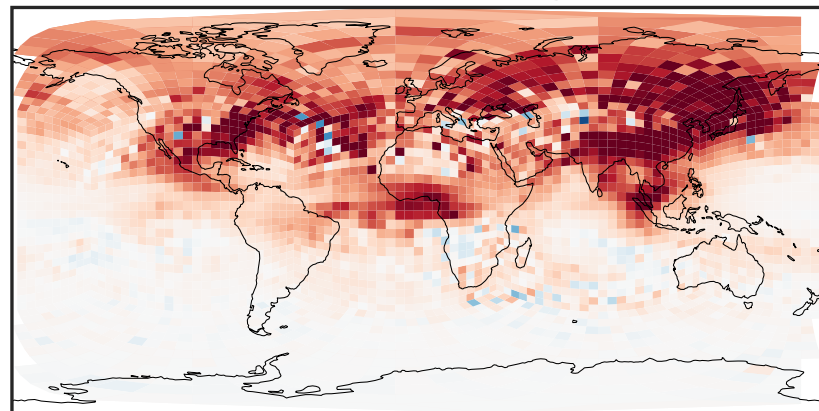
0.039 0.394 0.749 1.104 1.459
ppb

Difference
Dev - Ref, Dynamic Range



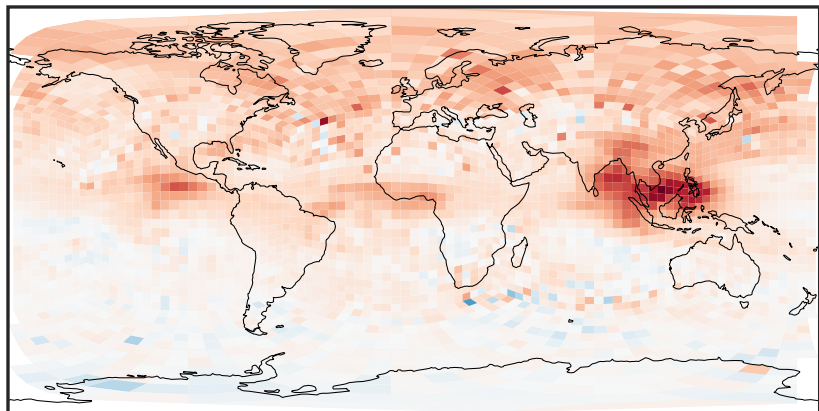
-0.006 0.000 0.006
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.002 0.000 0.002
ppb

Ratio
Dev/Ref, Dynamic Range



0.98328 0.99164 1.00000 1.00850 1.01700
unitless

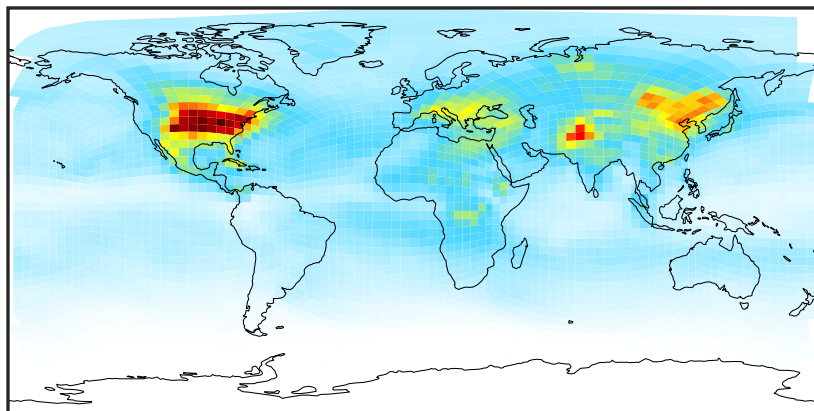
Ratio
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00
unitless

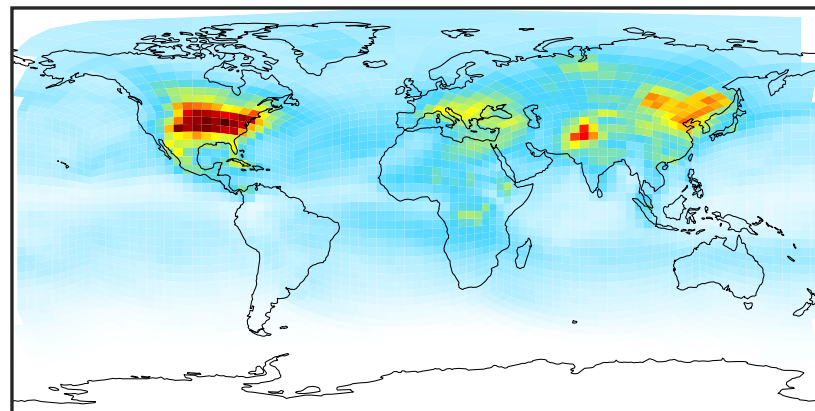
SpeciesConcVV_NOx

Fast-JX in 14.3.0 (Ref)
c24



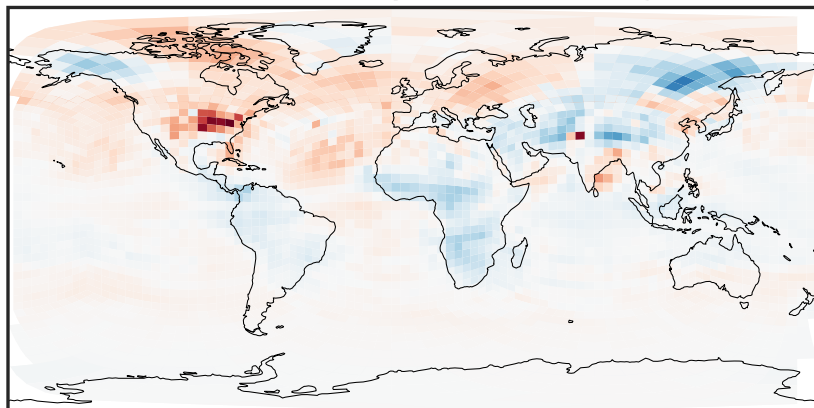
0.0002 0.0731 0.1460 0.2190 0.2919
ppb

Cloud-J in 14.3.0 (Dev)
c24



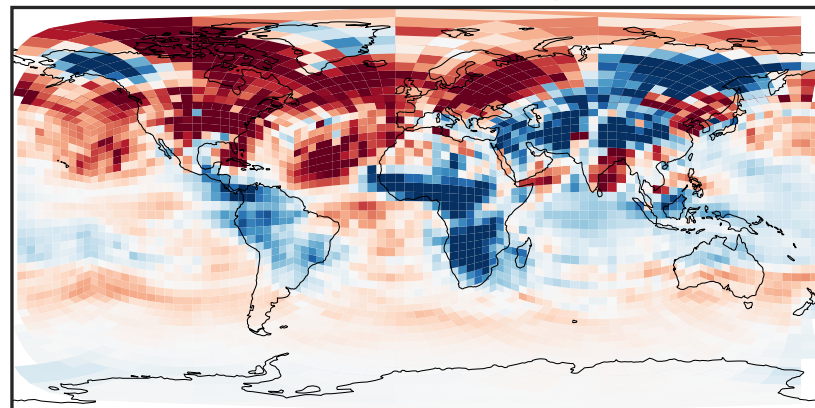
0.0002 0.0731 0.1460 0.2190 0.2919
ppb

Difference
Dev - Ref, Dynamic Range



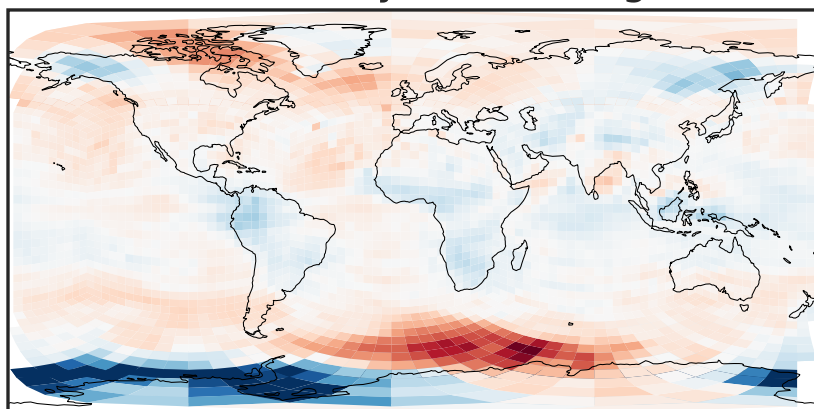
-0.0008 0.0000 0.0008
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.00015 0.00000 0.00015
ppb

Ratio
Dev/Ref, Dynamic Range



0.96344 0.98172 1.00000 1.01897 1.03795
unitless

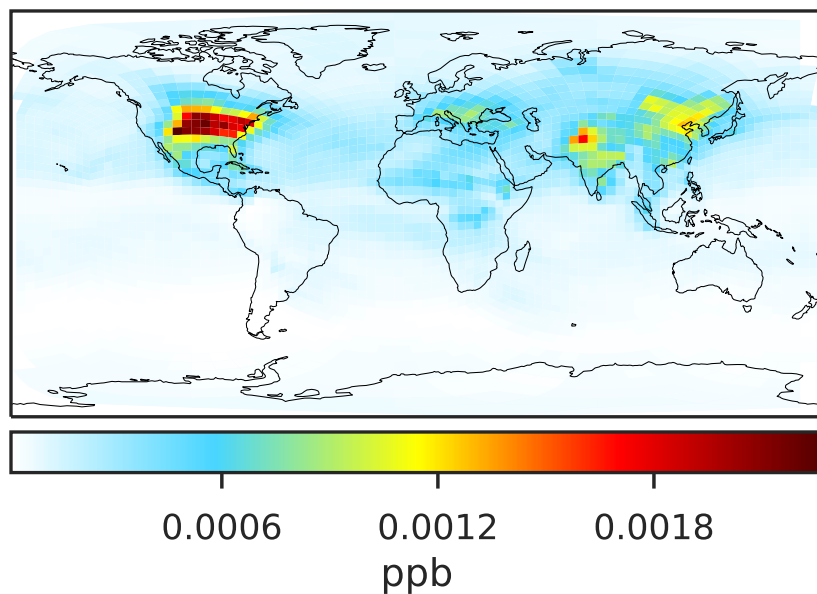
Ratio
Dev/Ref, Fixed Range



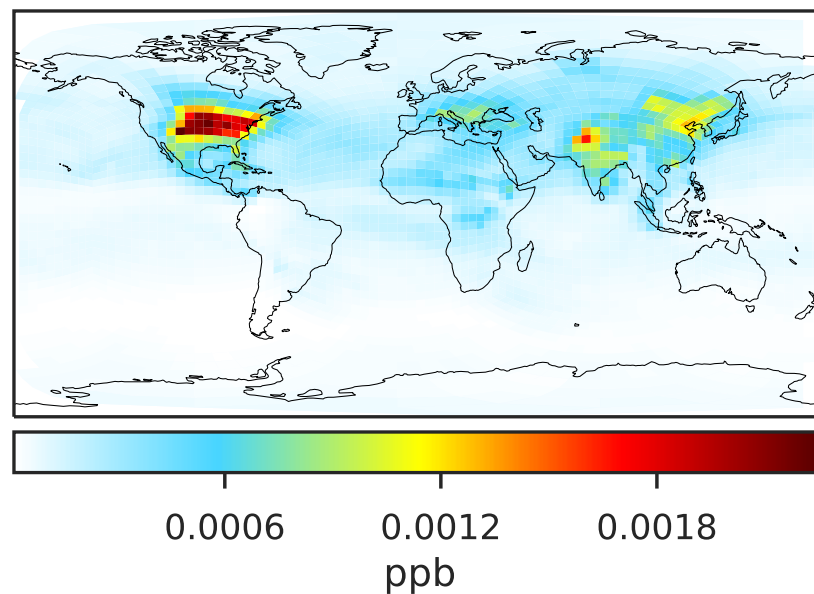
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_HNO2

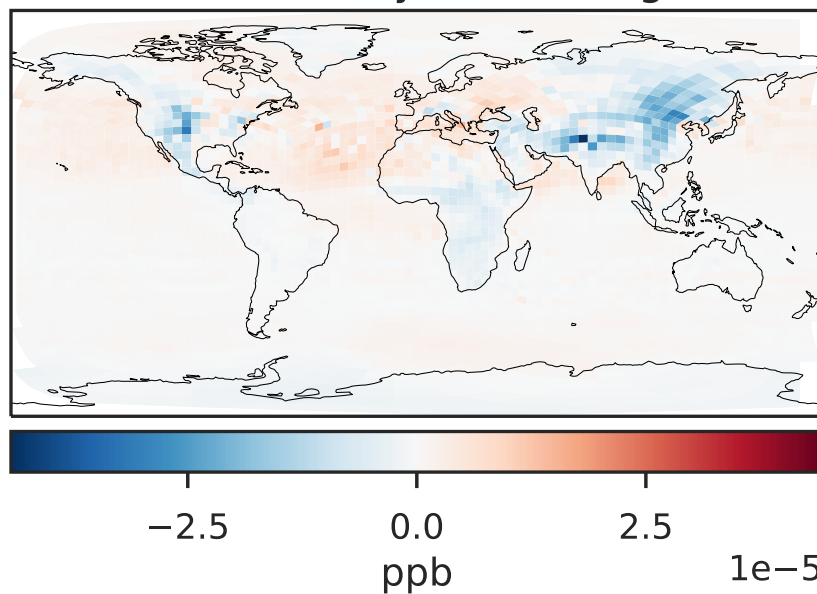
Fast-JX in 14.3.0 (Ref)
c24



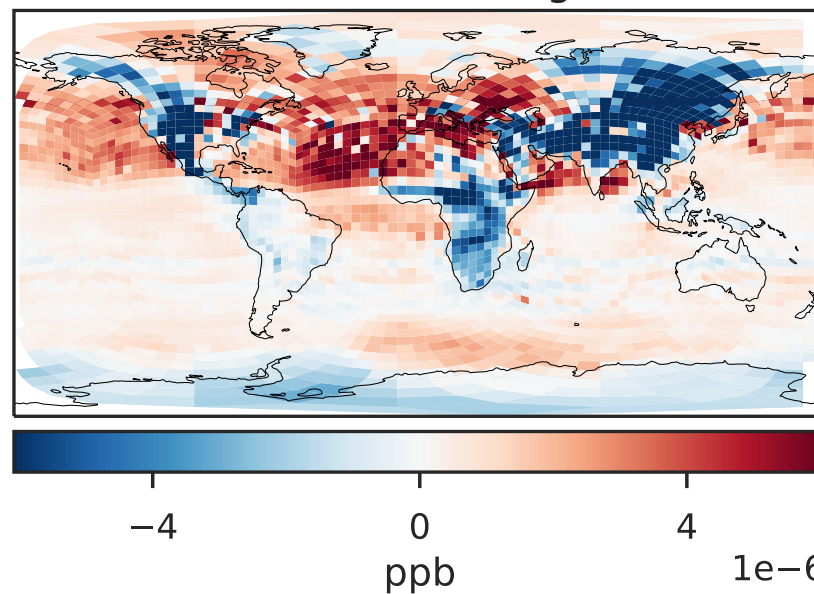
Cloud-J in 14.3.0 (Dev)
c24



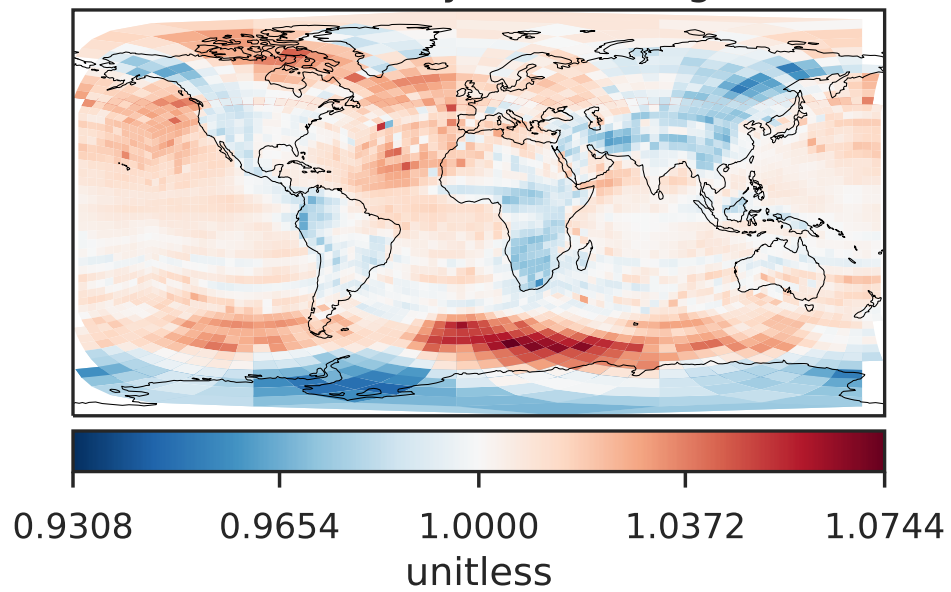
Difference
Dev - Ref, Dynamic Range



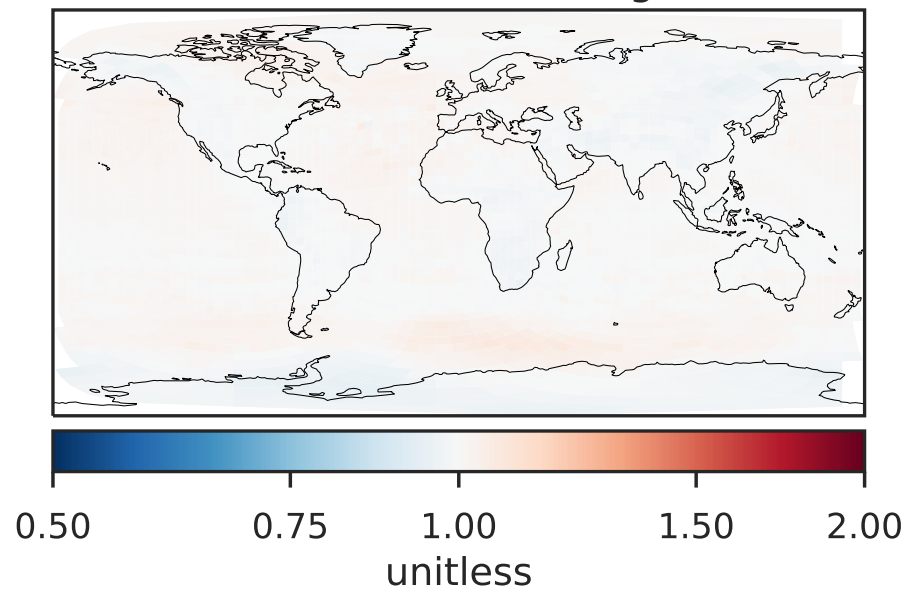
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

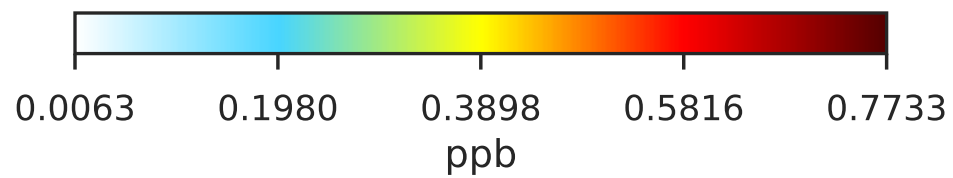
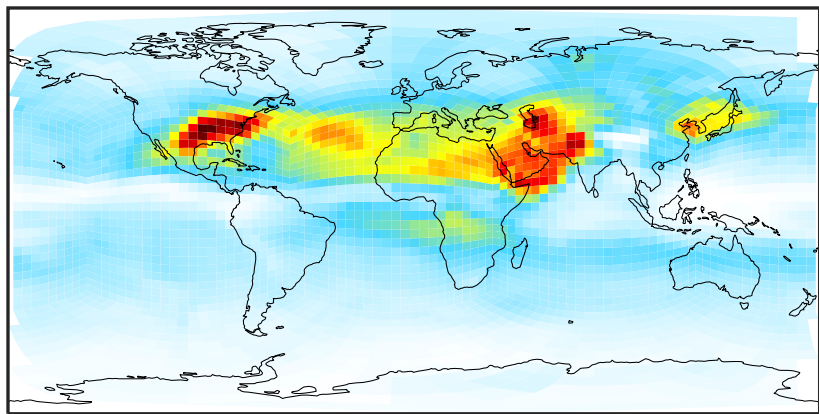


Ratio
Dev/Ref, Fixed Range

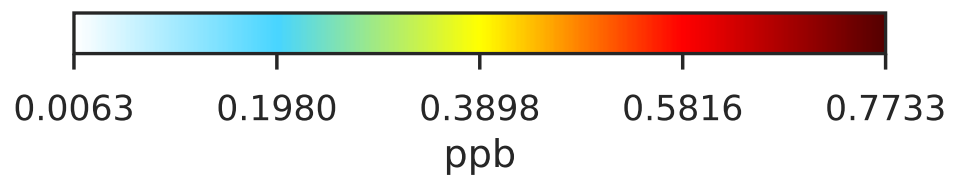
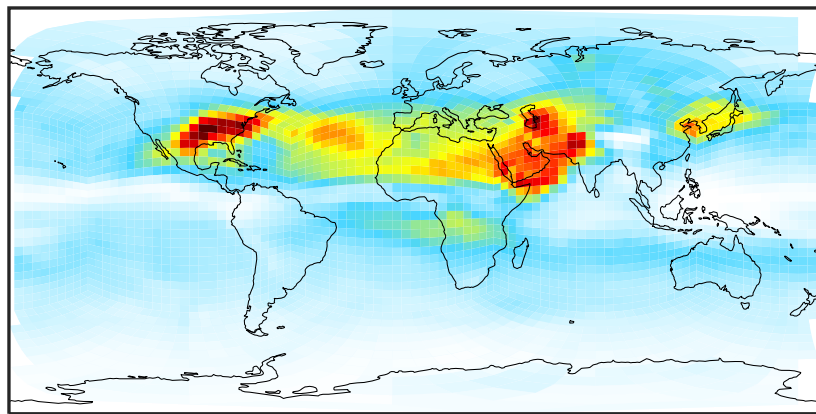


SpeciesConcVV_HNO3

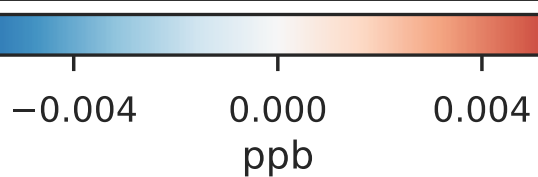
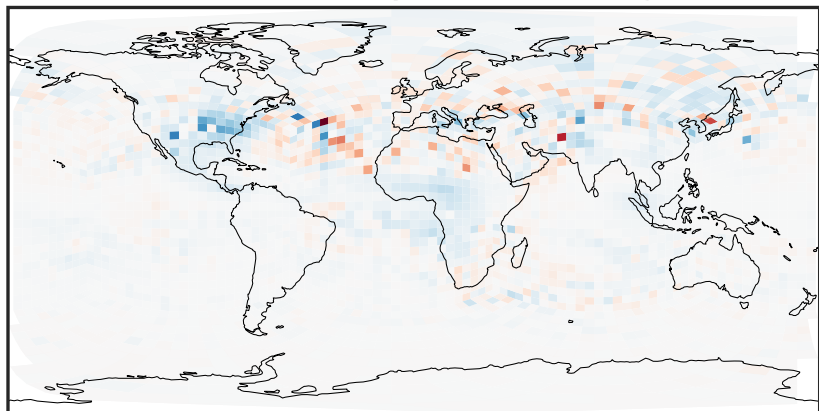
Fast-JX in 14.3.0 (Ref)
c24



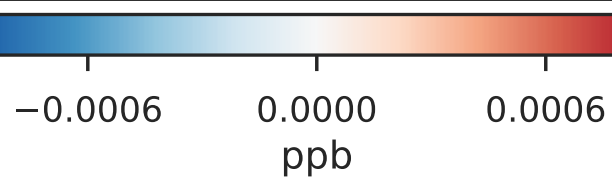
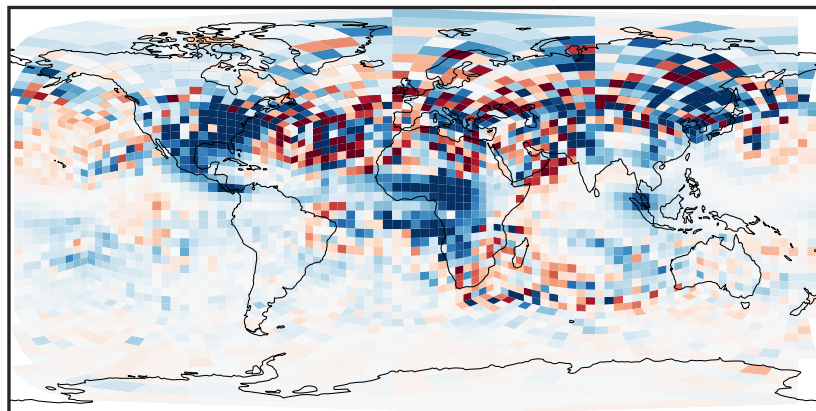
Cloud-J in 14.3.0 (Dev)
c24



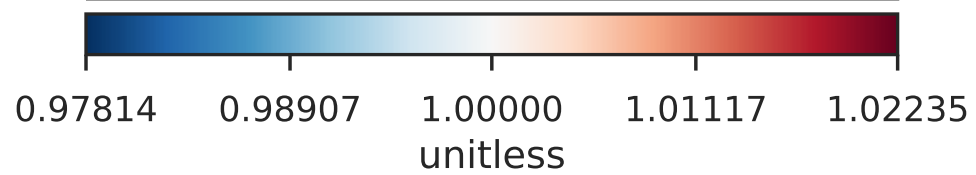
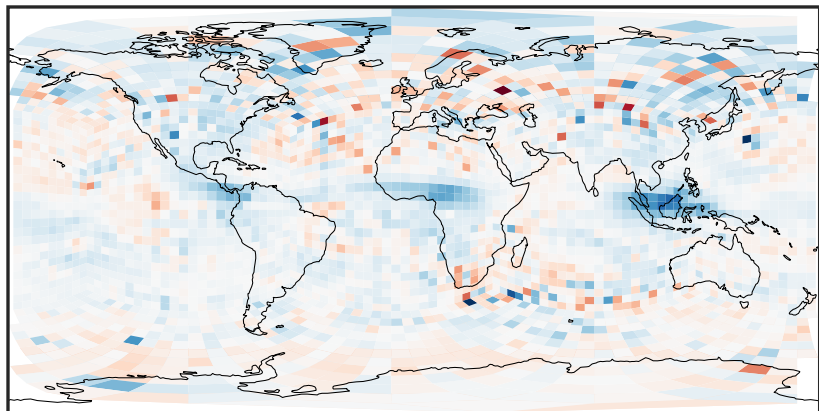
Difference
Dev - Ref, Dynamic Range



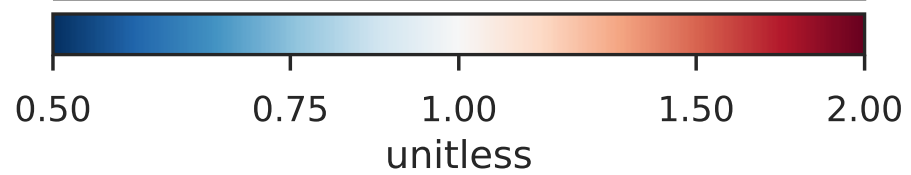
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

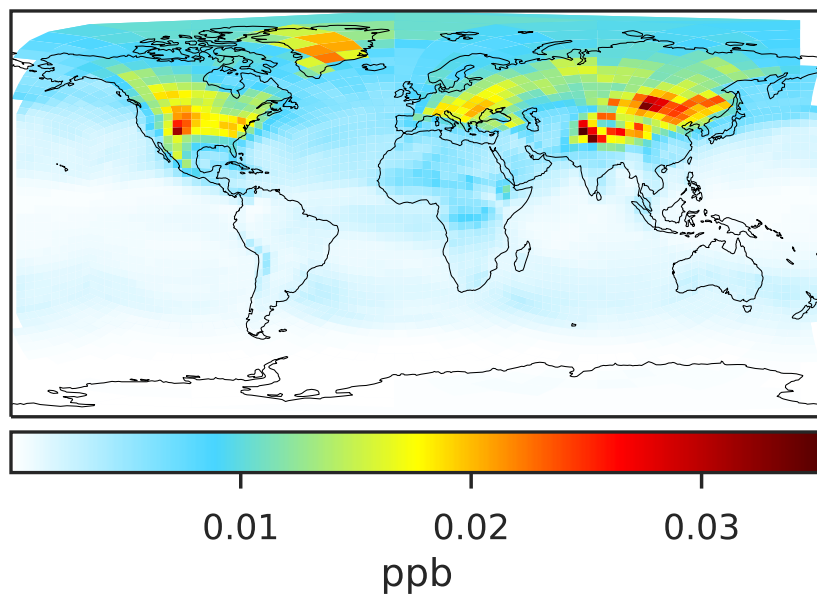


Ratio
Dev/Ref, Fixed Range

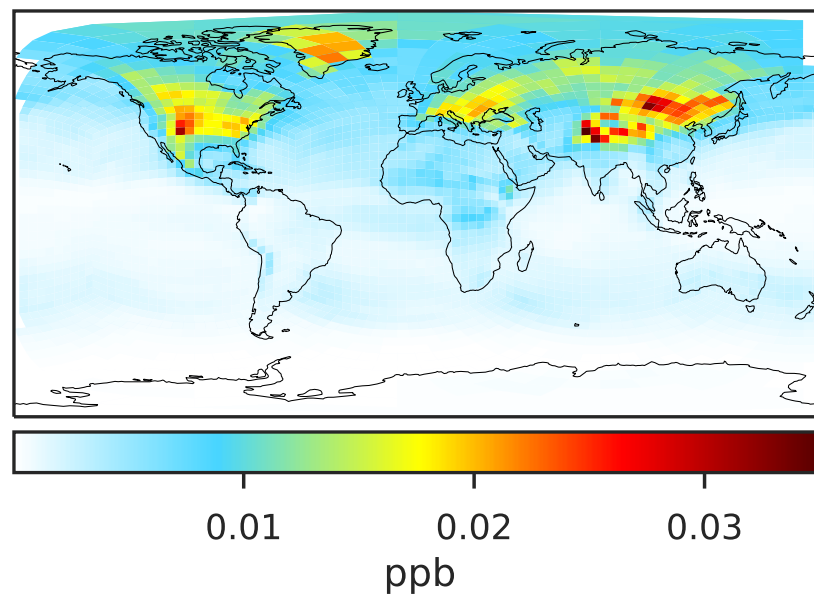


SpeciesConcVV_HNO4

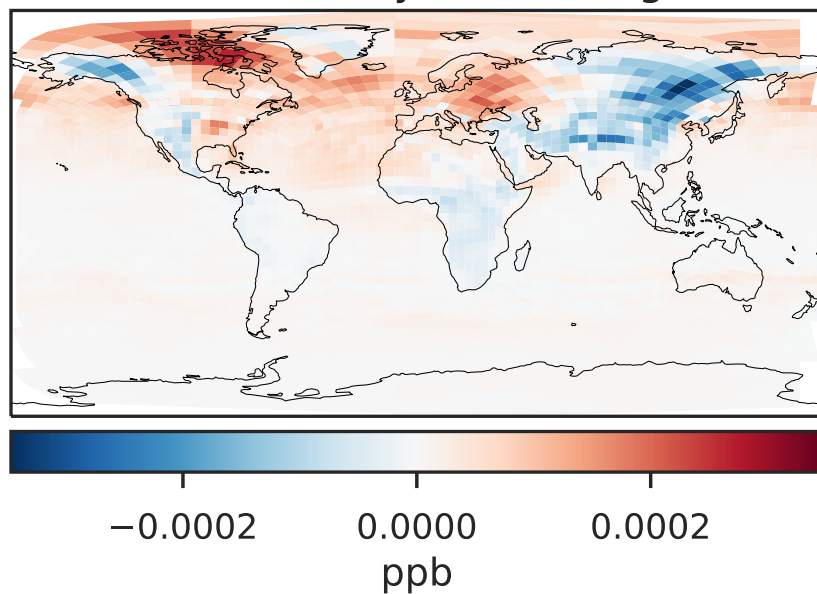
Fast-JX in 14.3.0 (Ref)
c24



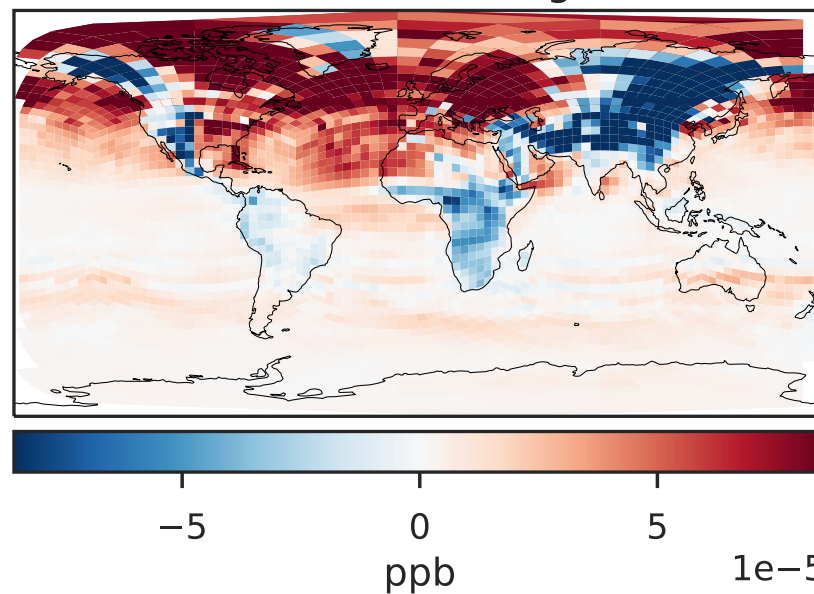
Cloud-J in 14.3.0 (Dev)
c24



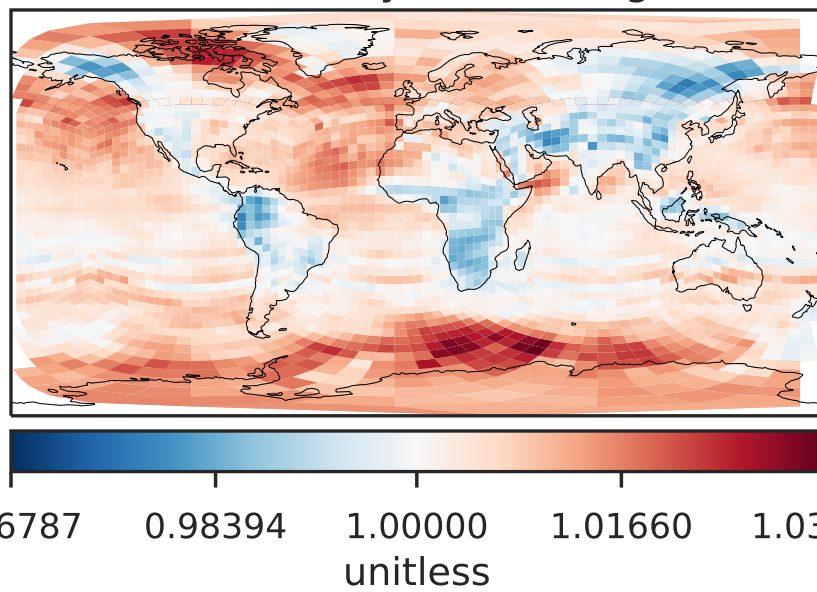
Difference
Dev - Ref, Dynamic Range



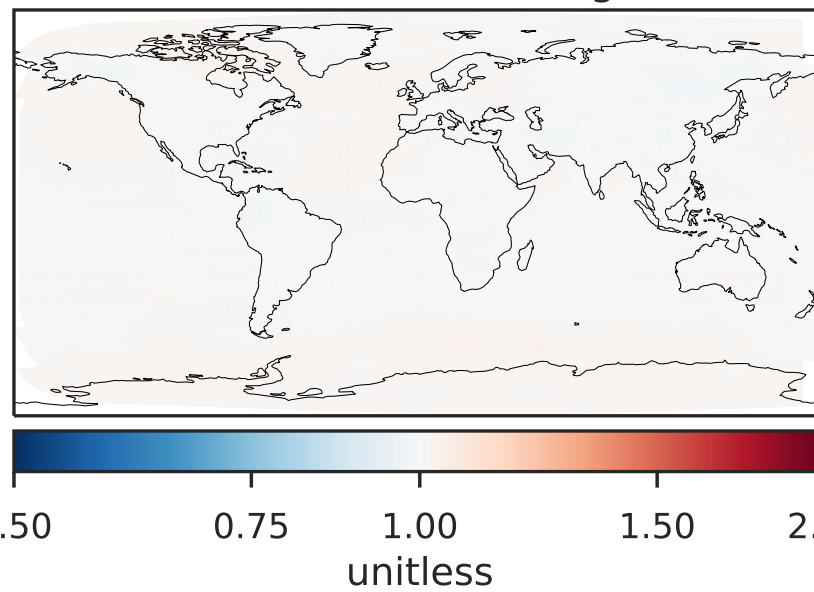
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

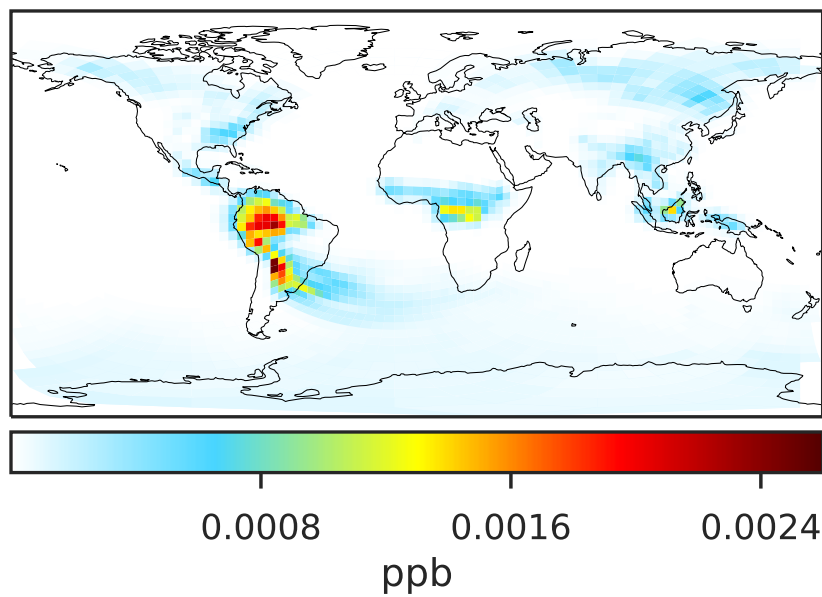


Ratio
Dev/Ref, Fixed Range

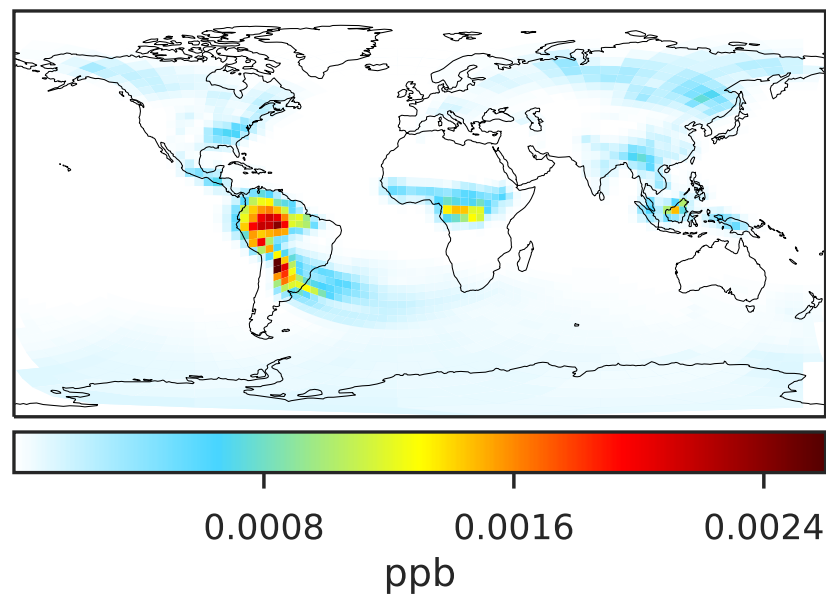


SpeciesConcVV_MPAN

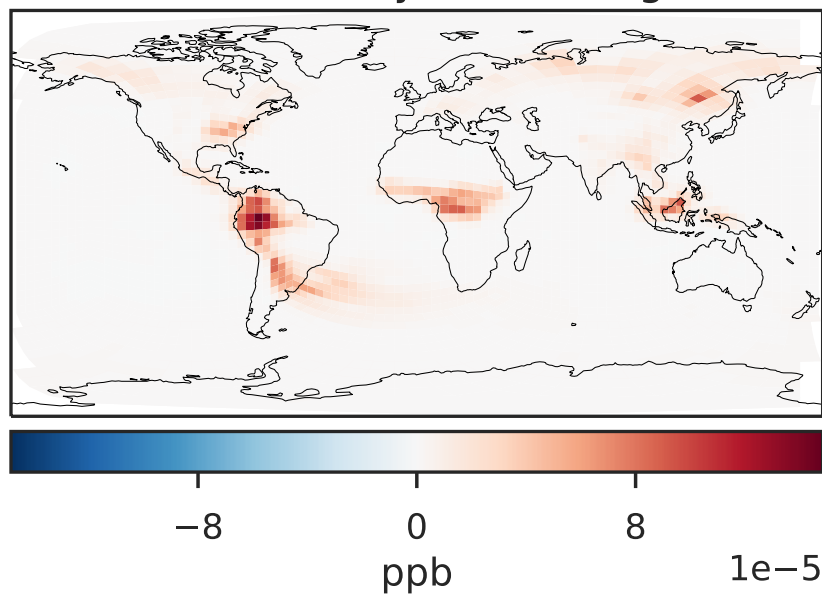
Fast-JX in 14.3.0 (Ref)
c24



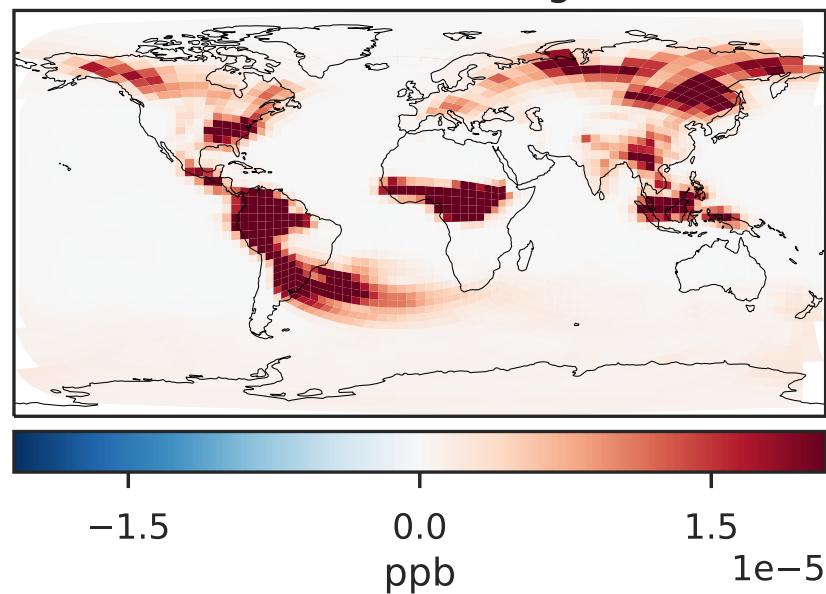
Cloud-J in 14.3.0 (Dev)
c24



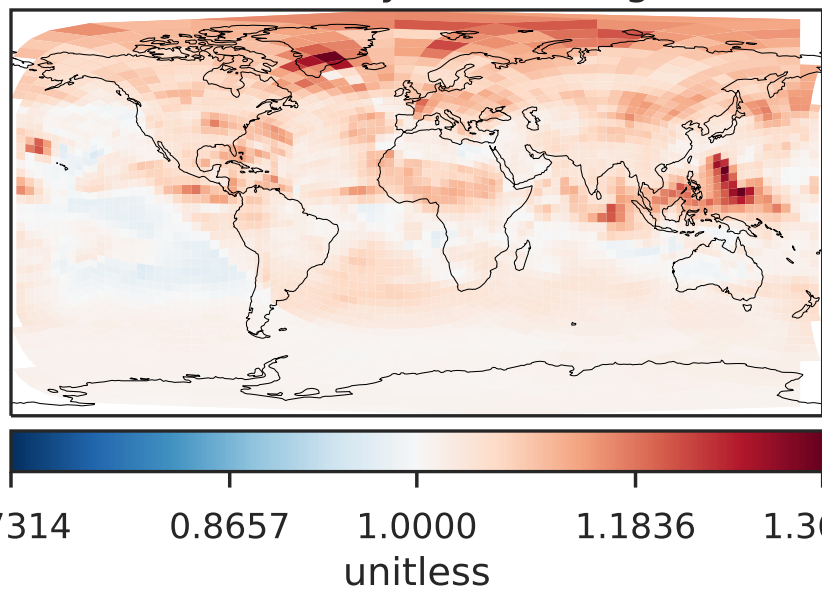
Difference
Dev - Ref, Dynamic Range



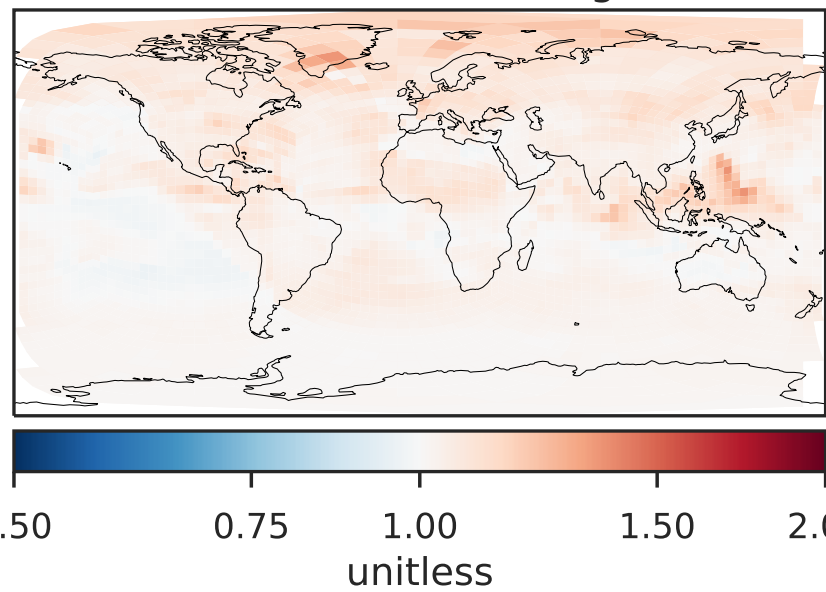
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

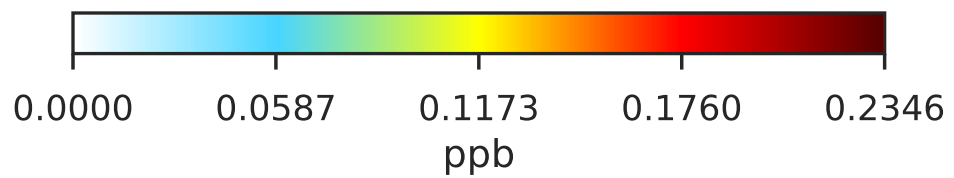
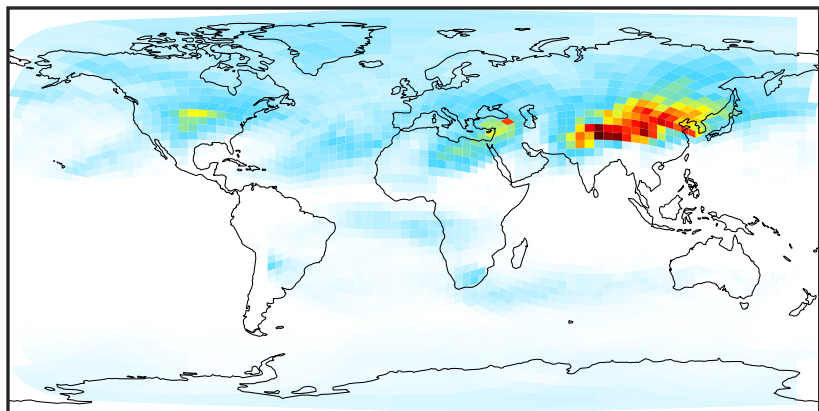


Ratio
Dev/Ref, Fixed Range

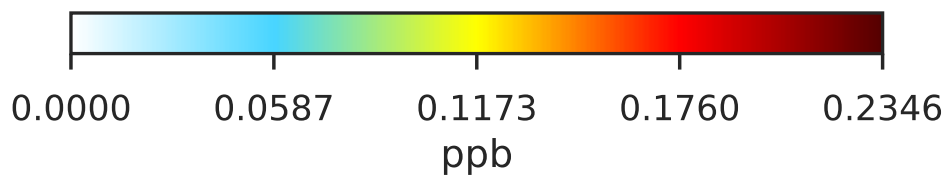
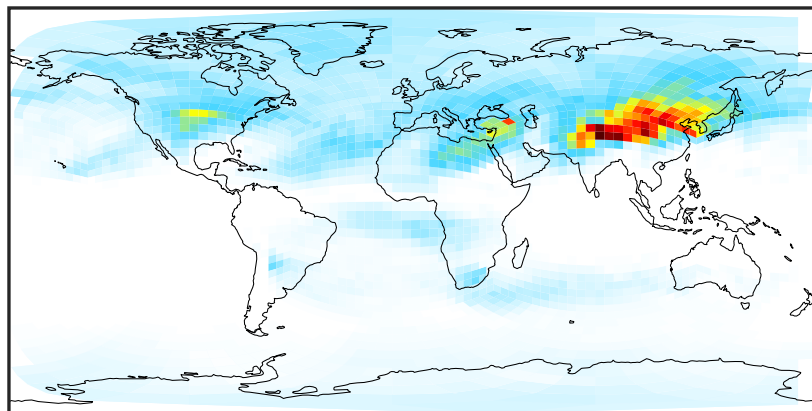


SpeciesConcVV_NIT

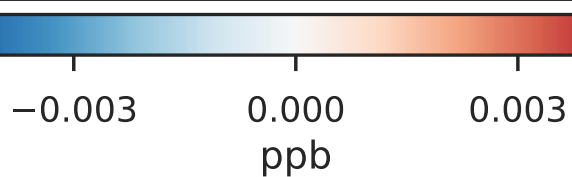
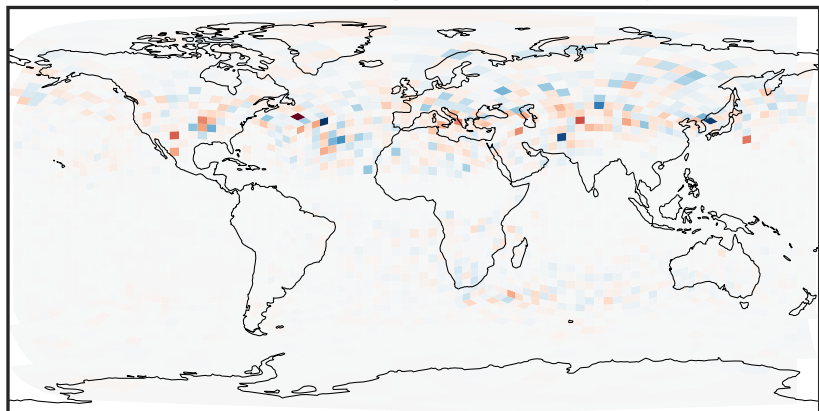
Fast-JX in 14.3.0 (Ref)
c24



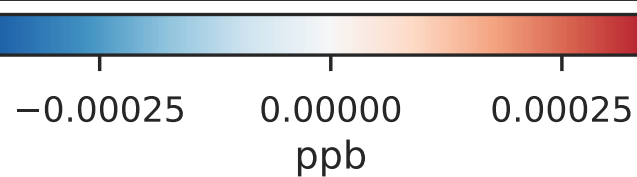
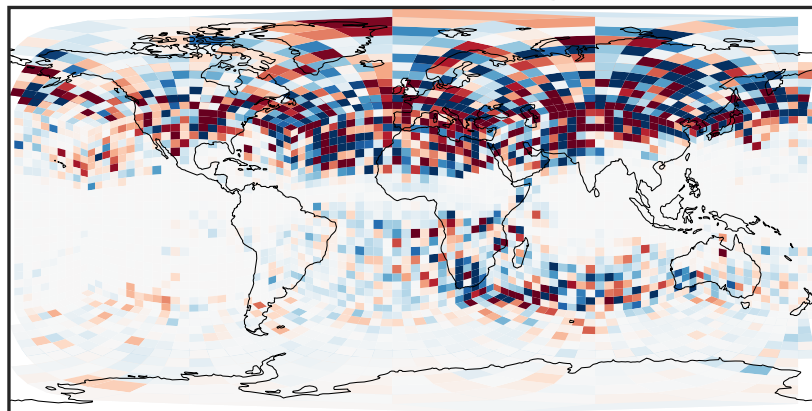
Cloud-J in 14.3.0 (Dev)
c24



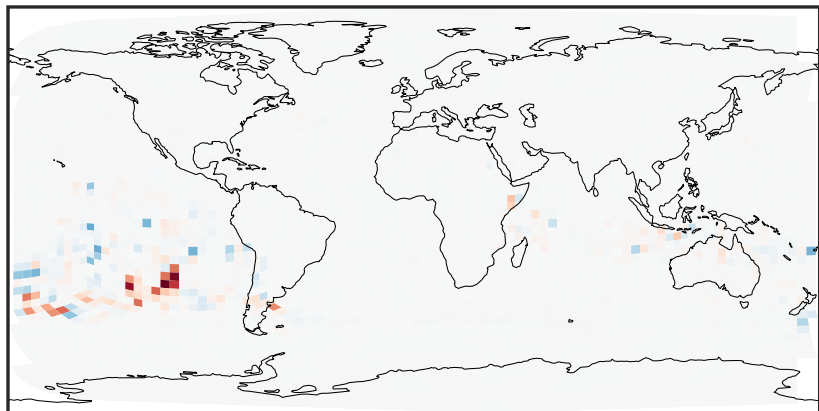
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]

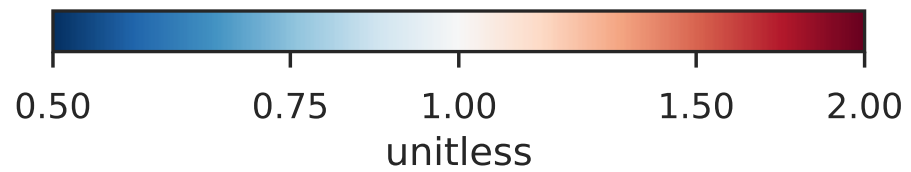
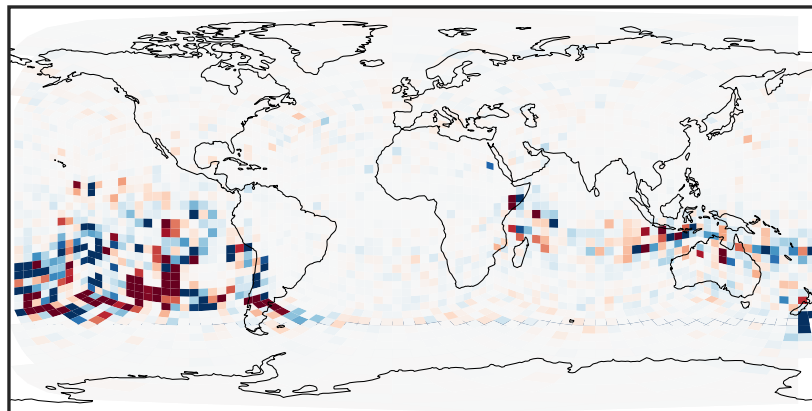


Ratio
Dev/Ref, Dynamic Range



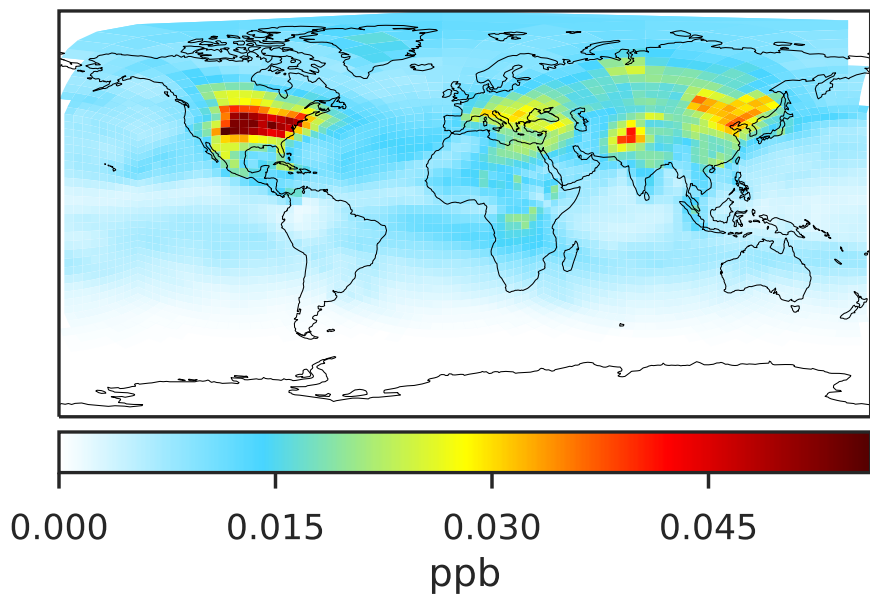
unitless

Ratio
Dev/Ref, Fixed Range

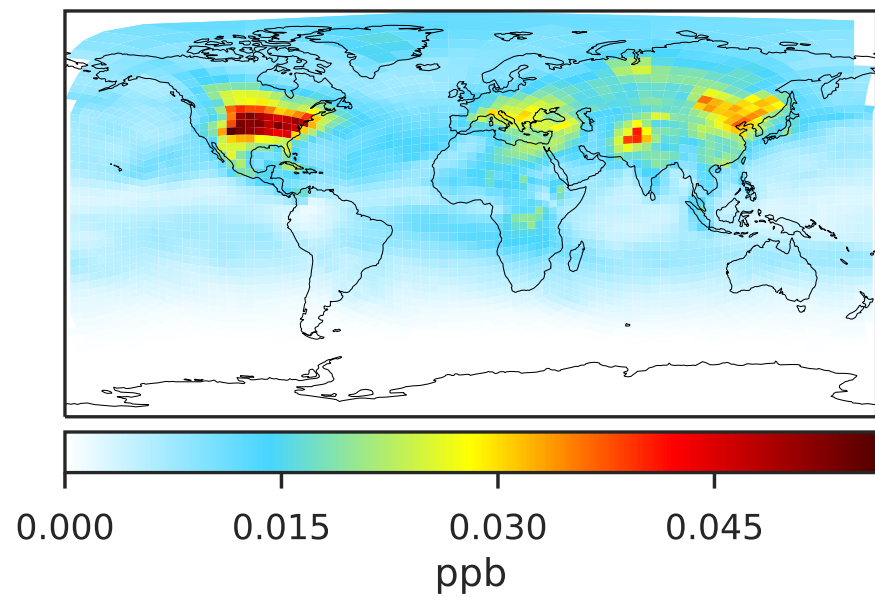


SpeciesConcVV_NO

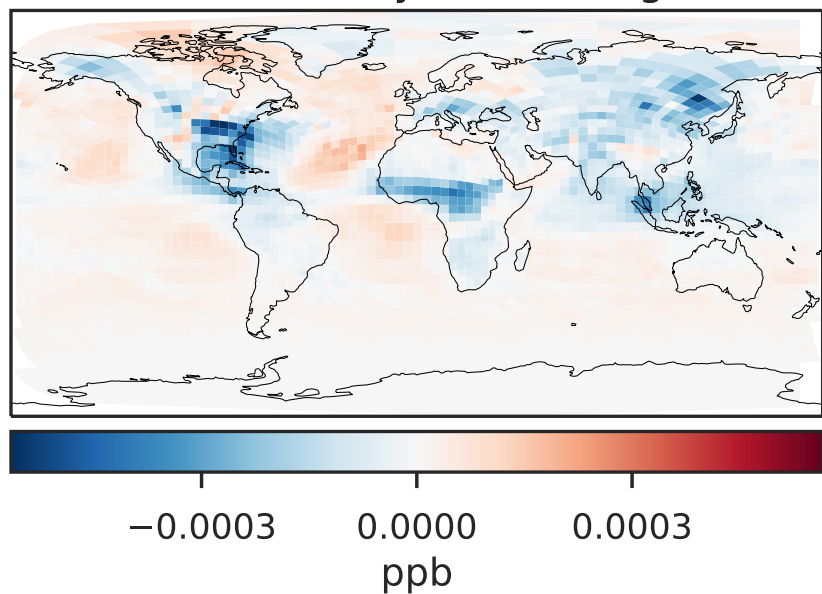
Fast-JX in 14.3.0 (Ref)
c24



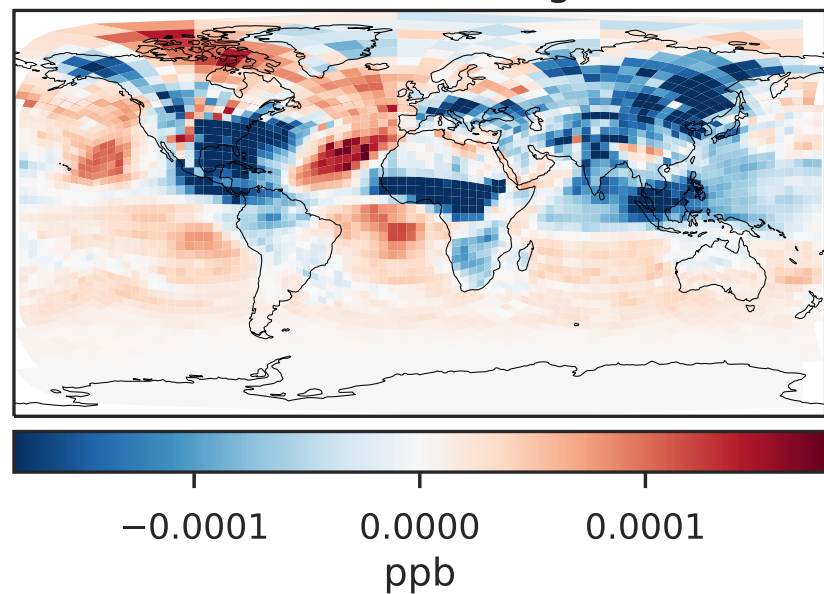
Cloud-J in 14.3.0 (Dev)
c24



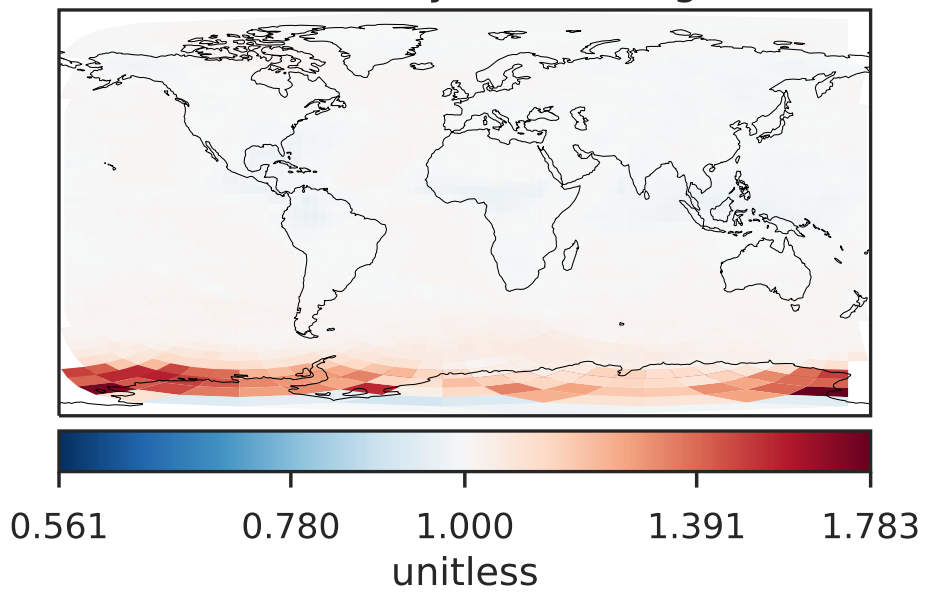
Difference
Dev - Ref, Dynamic Range



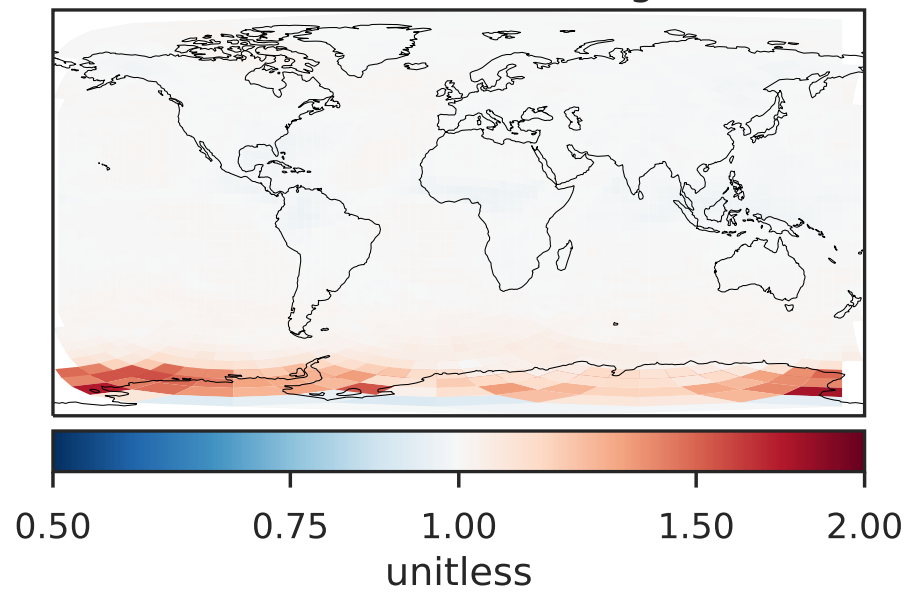
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

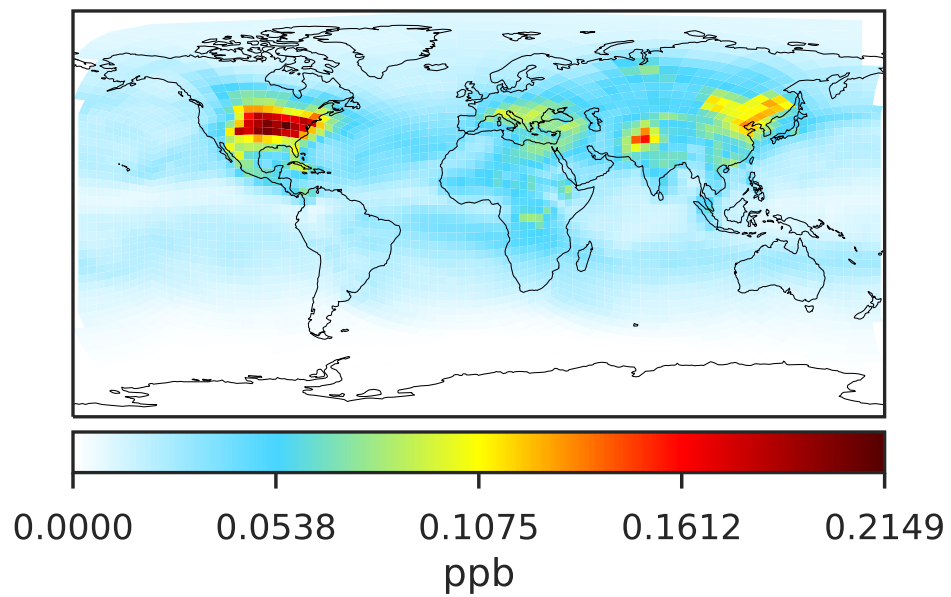


Ratio
Dev/Ref, Fixed Range

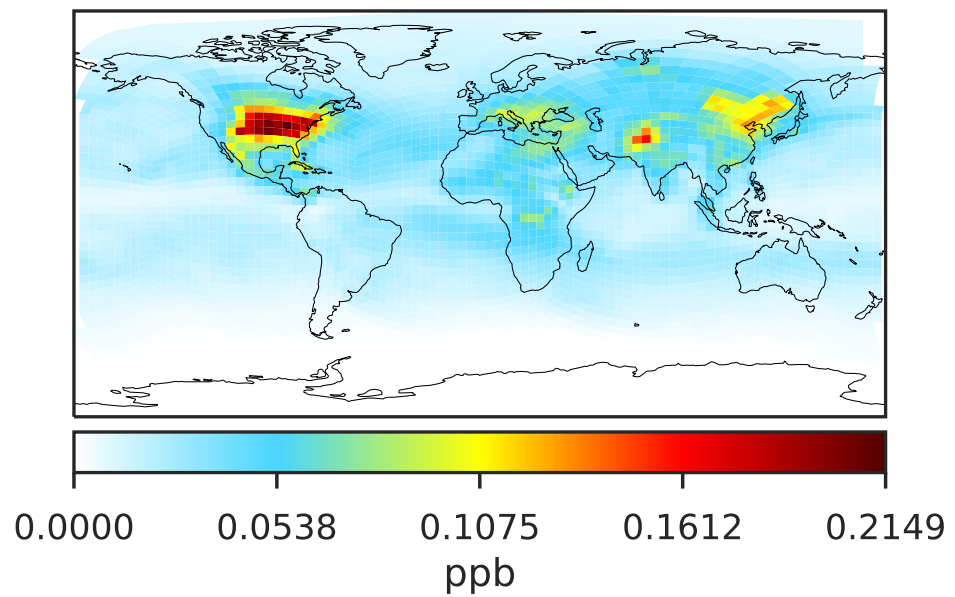


SpeciesConcVV_NO2

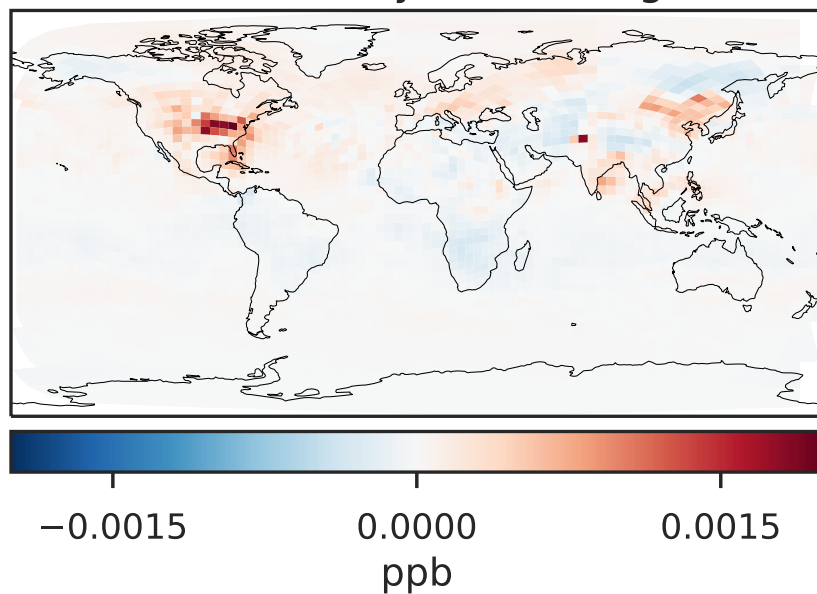
Fast-JX in 14.3.0 (Ref)
c24



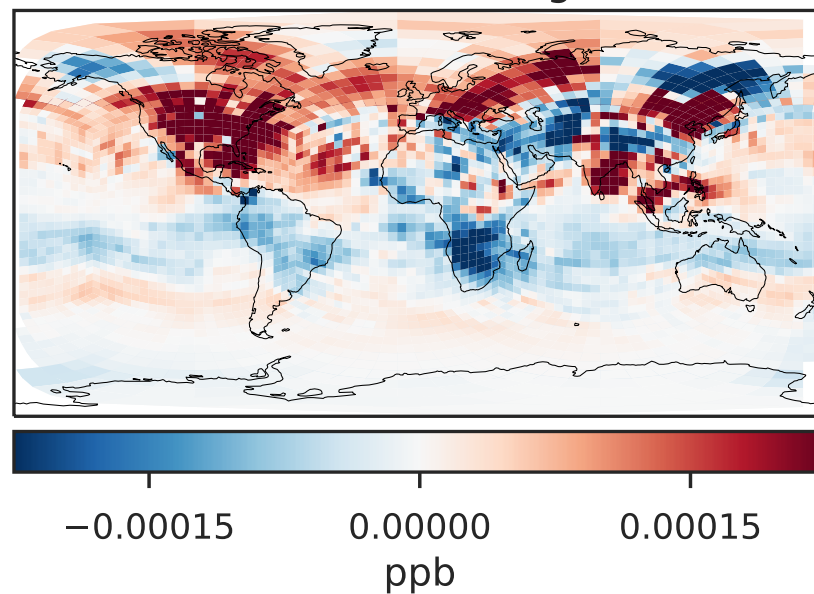
Cloud-J in 14.3.0 (Dev)
c24



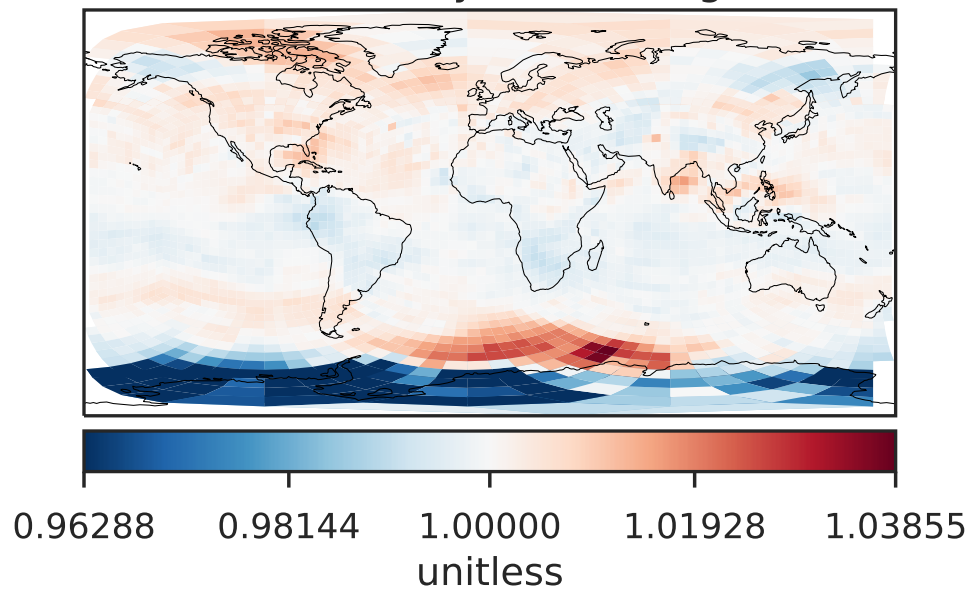
Difference
Dev - Ref, Dynamic Range



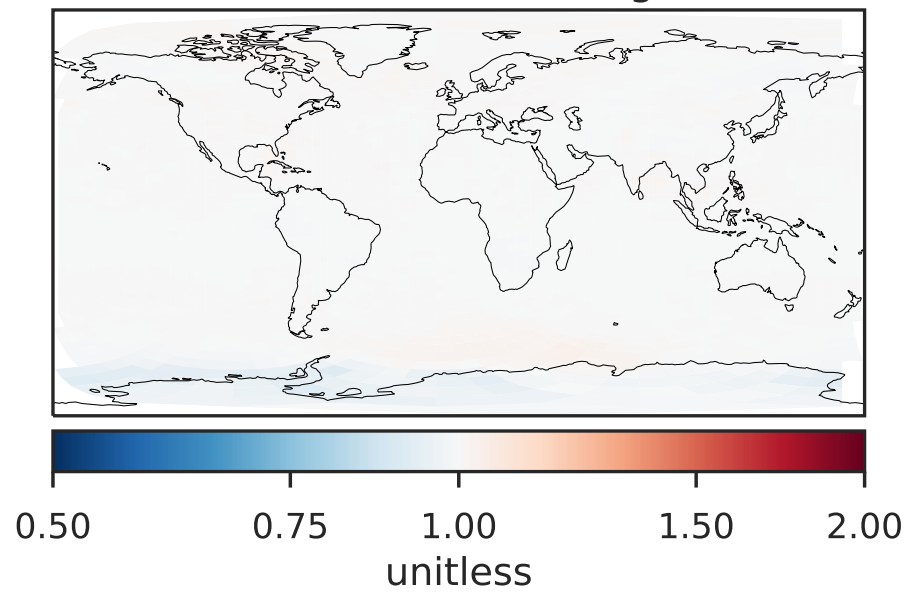
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

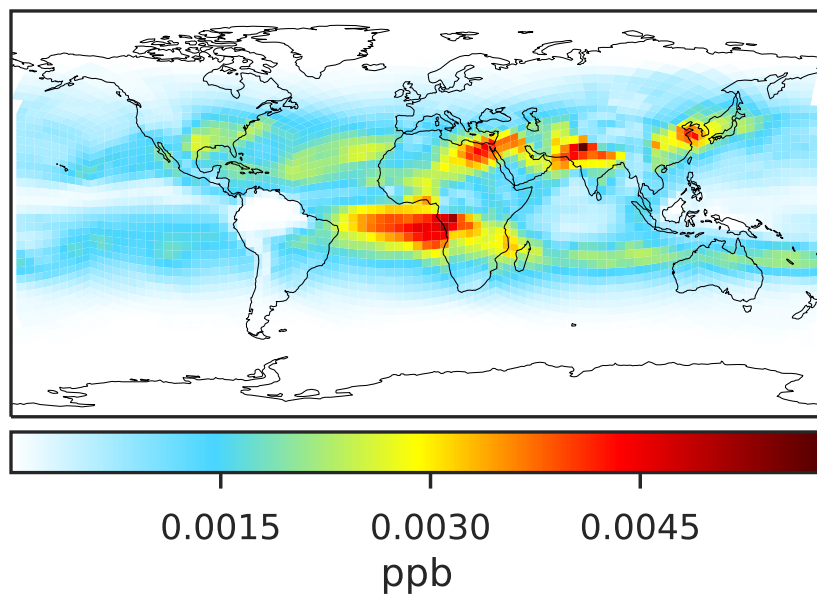


Ratio
Dev/Ref, Fixed Range

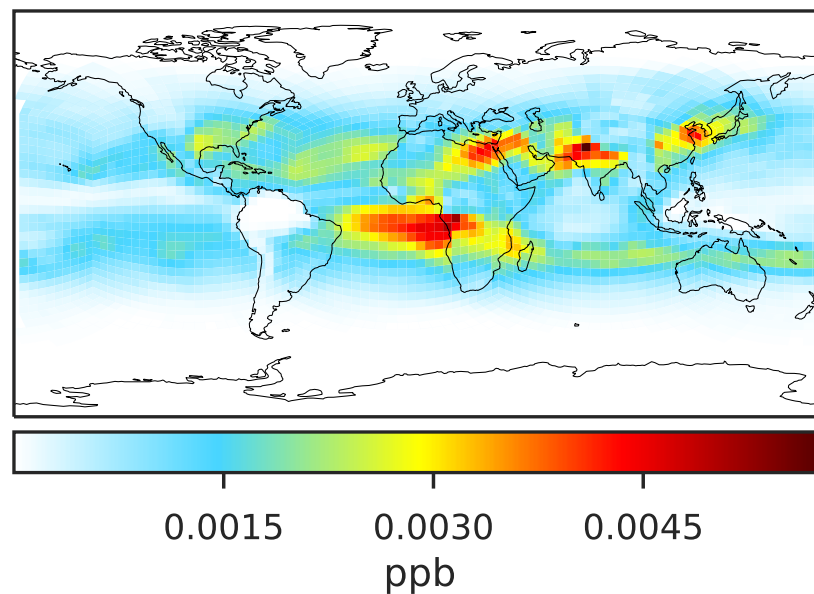


SpeciesConcVV_NO3

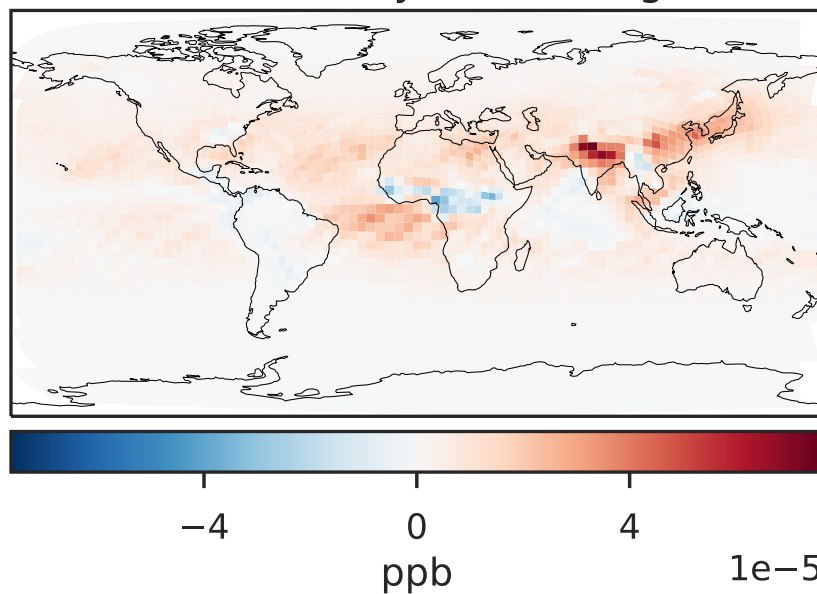
Fast-JX in 14.3.0 (Ref)
c24



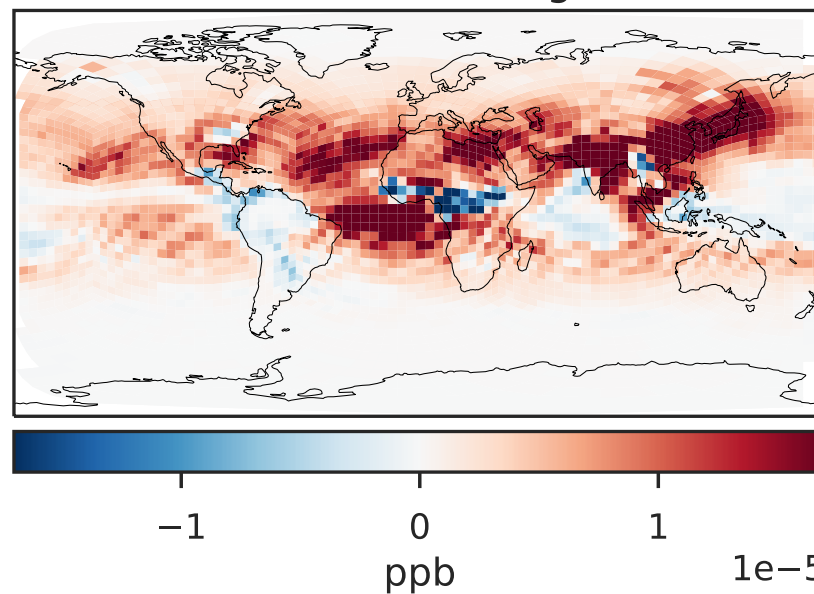
Cloud-J in 14.3.0 (Dev)
c24



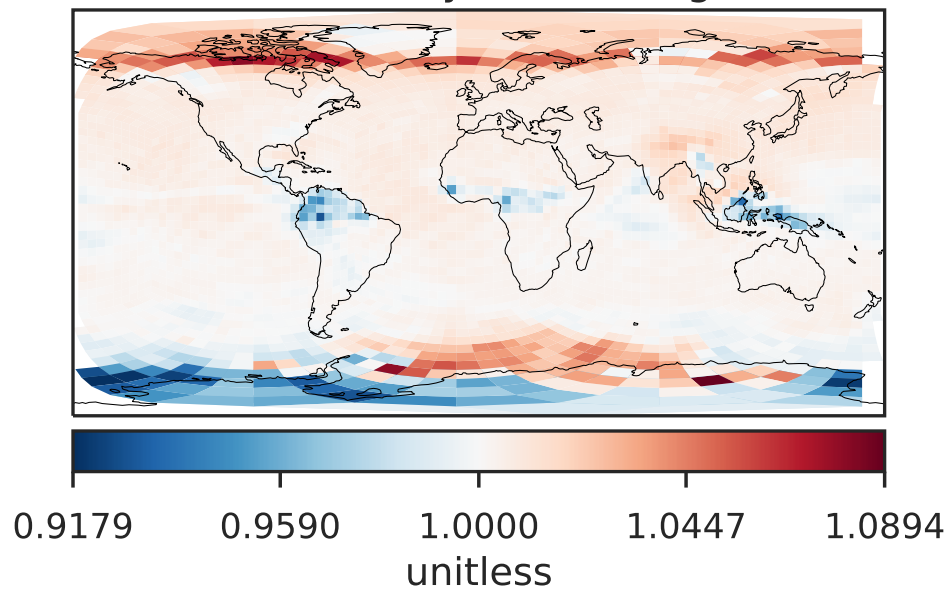
Difference
Dev - Ref, Dynamic Range



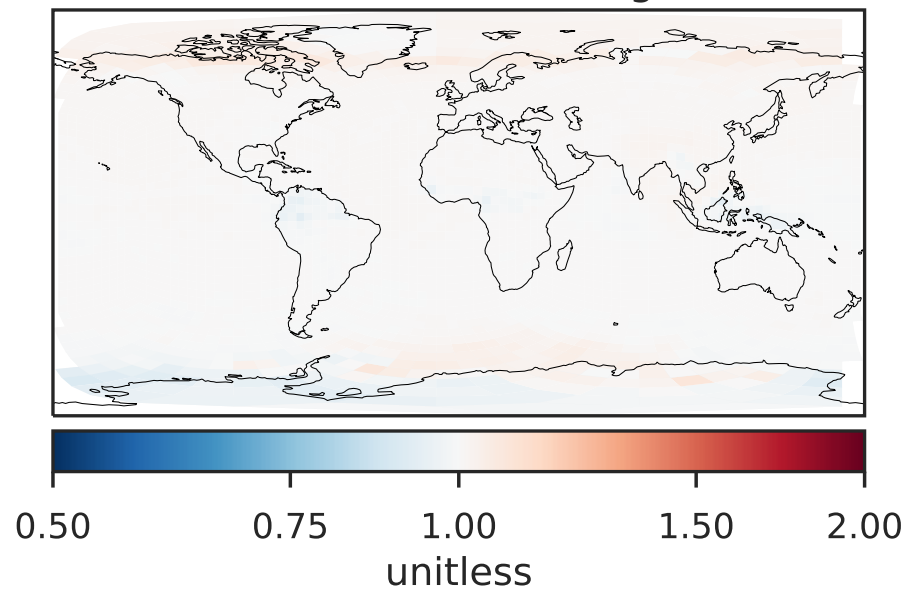
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

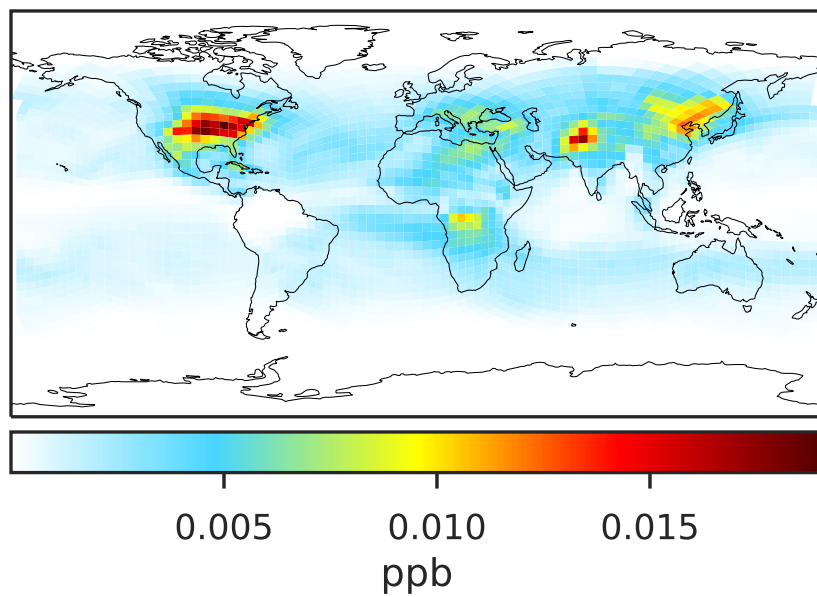


Ratio
Dev/Ref, Fixed Range

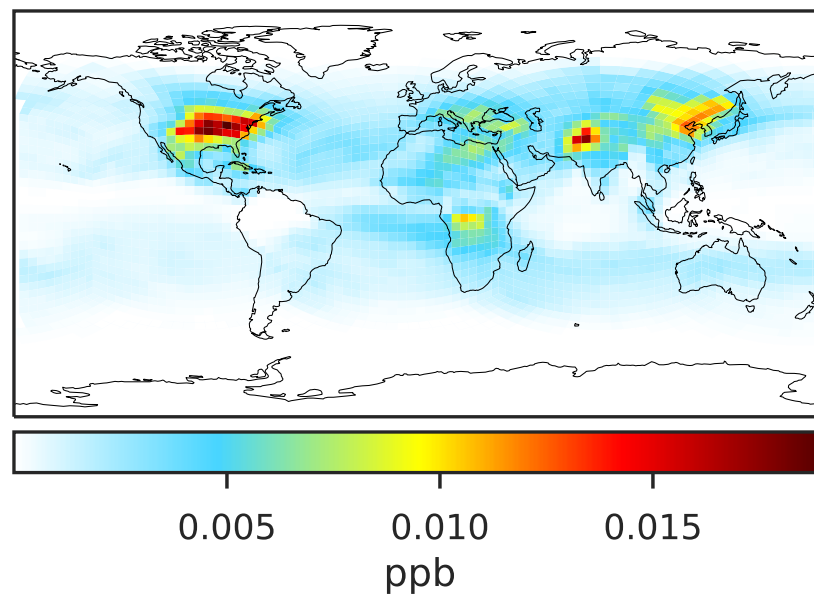


SpeciesConcVV_N2O5

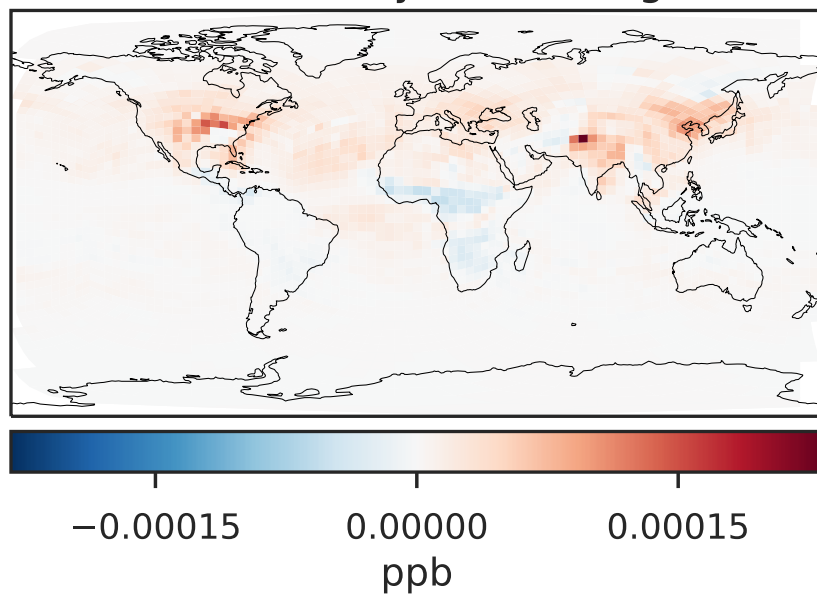
Fast-JX in 14.3.0 (Ref)
c24



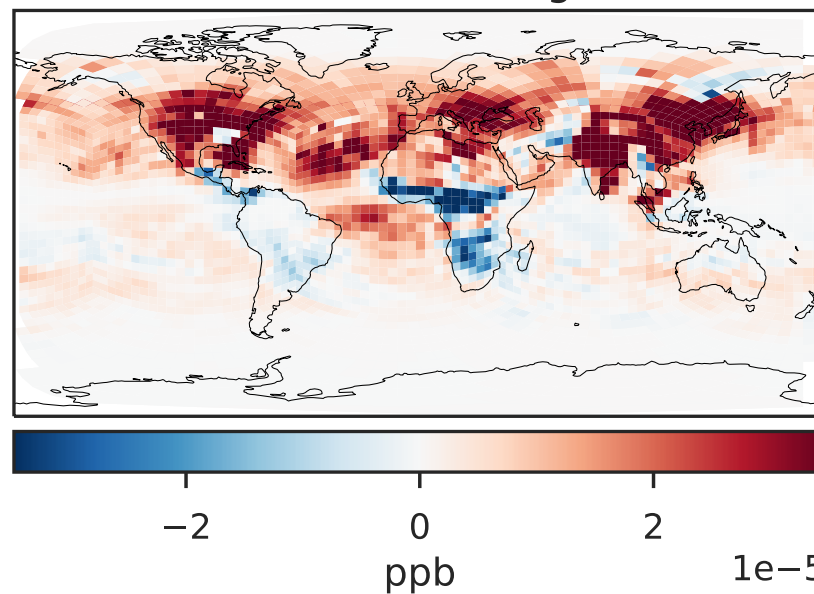
Cloud-J in 14.3.0 (Dev)
c24



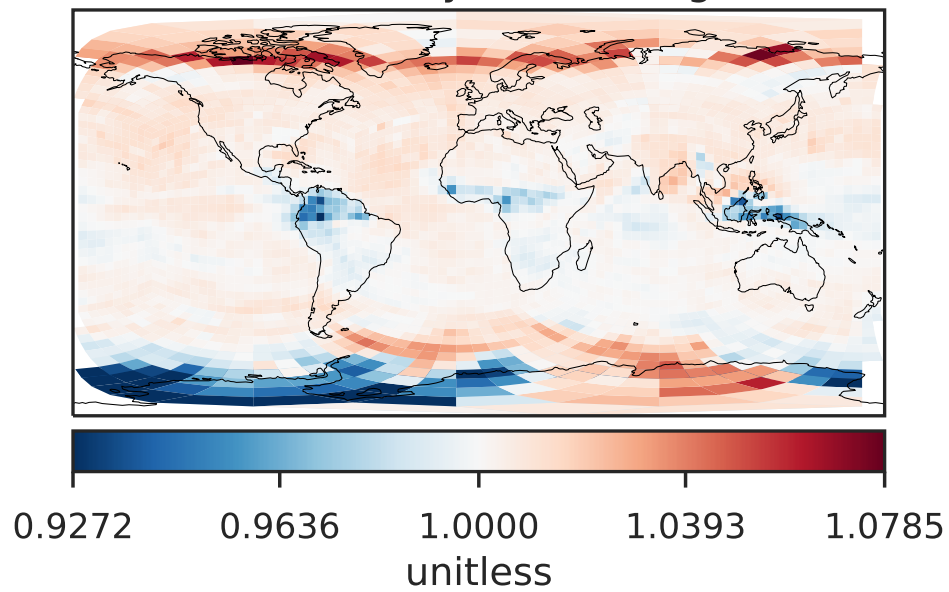
Difference
Dev - Ref, Dynamic Range



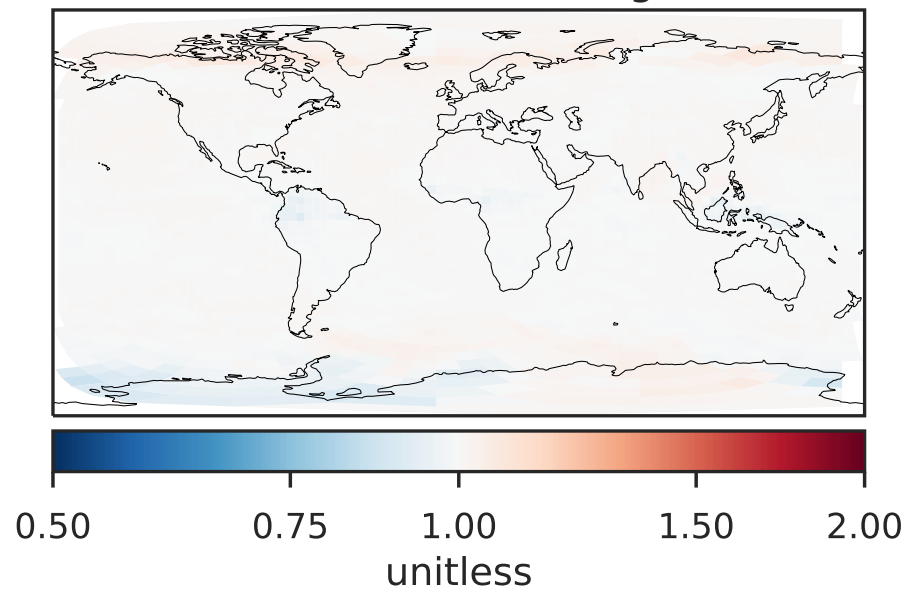
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

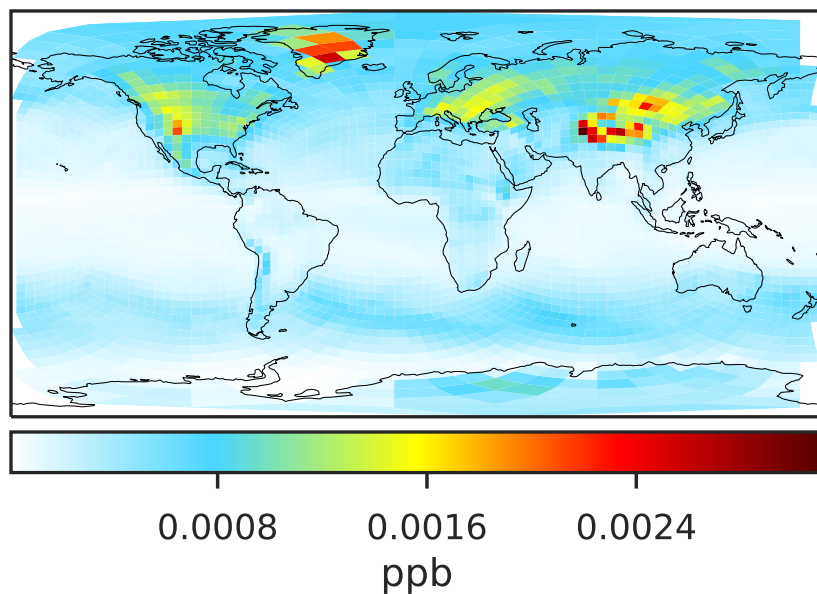


Ratio
Dev/Ref, Fixed Range

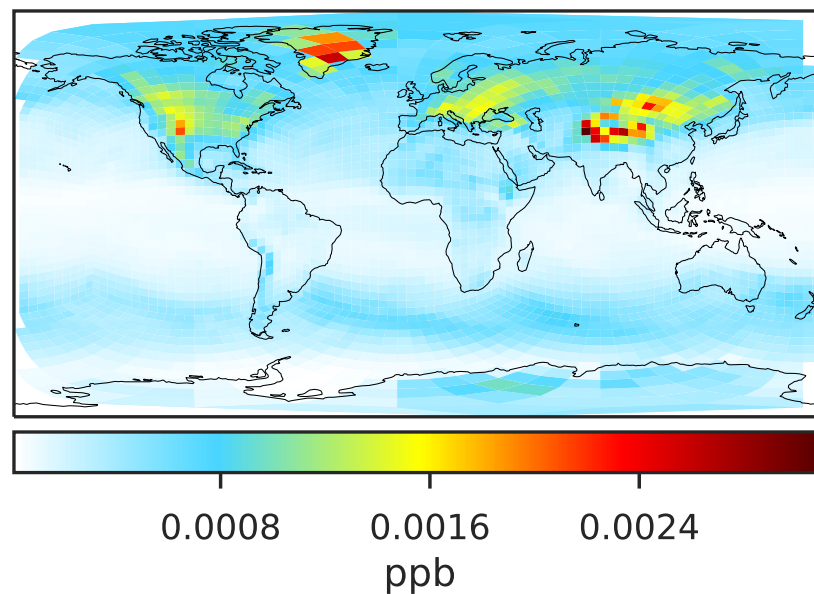


SpeciesConcVV_MPN

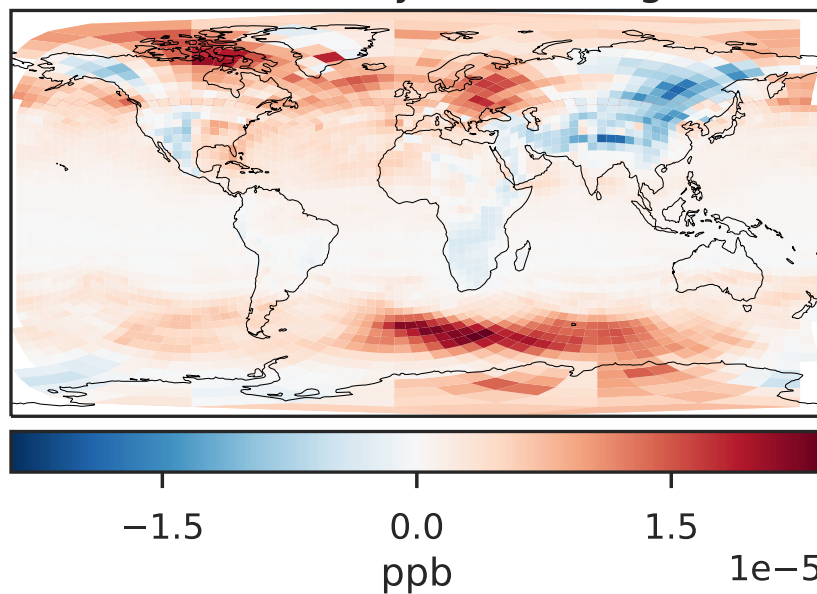
Fast-JX in 14.3.0 (Ref)
c24



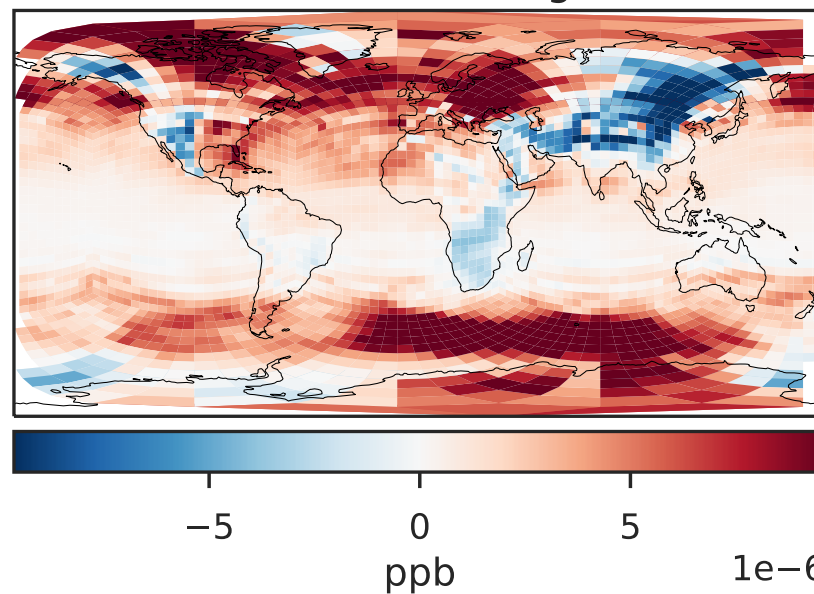
Cloud-J in 14.3.0 (Dev)
c24



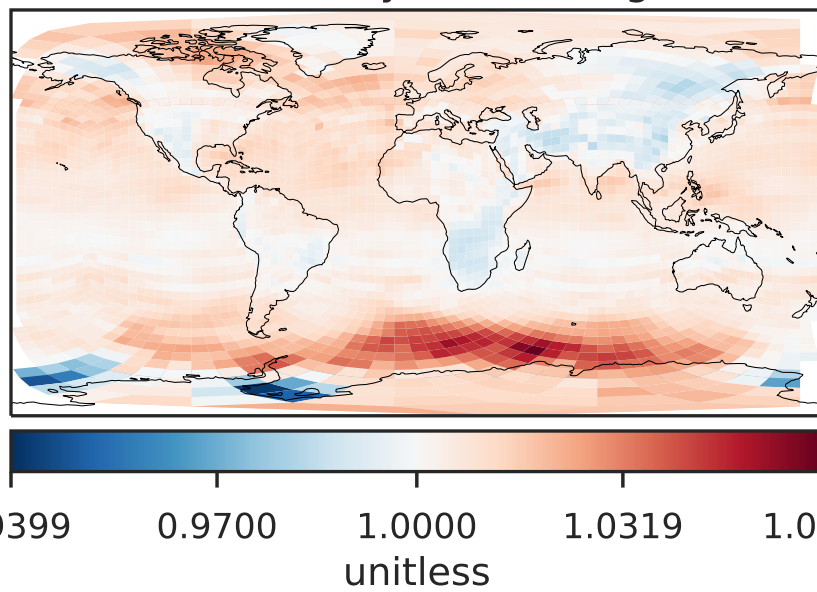
Difference
Dev - Ref, Dynamic Range



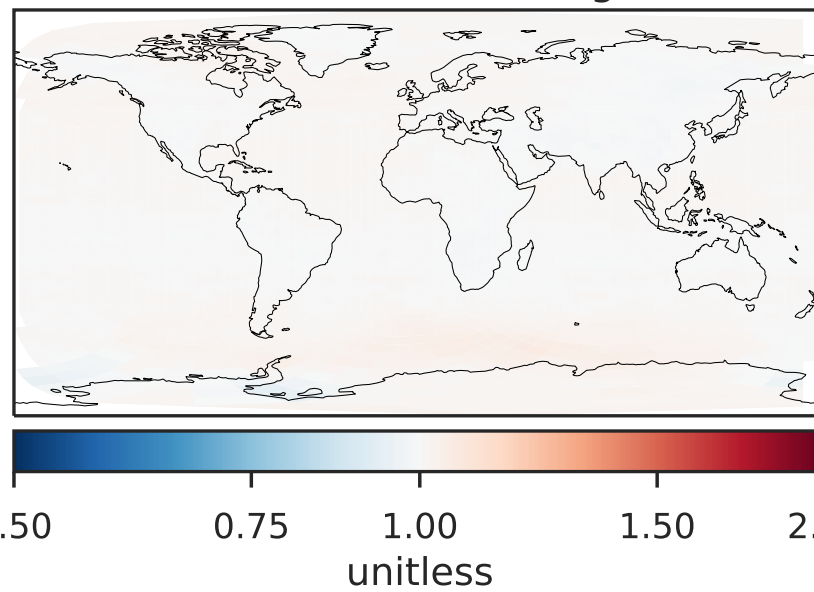
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

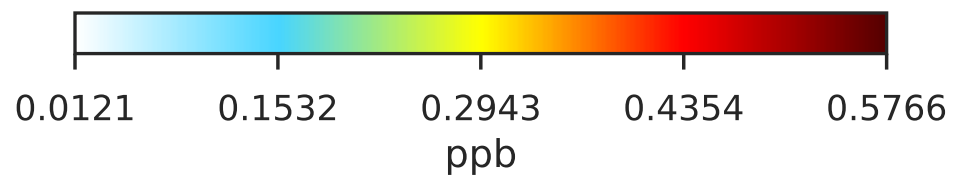
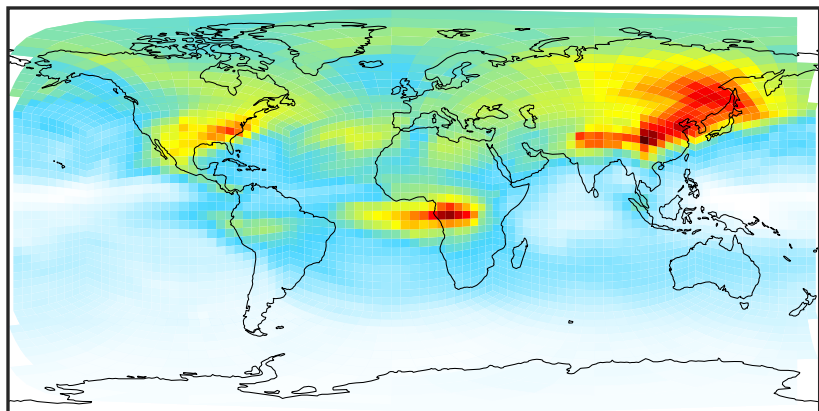


Ratio
Dev/Ref, Fixed Range

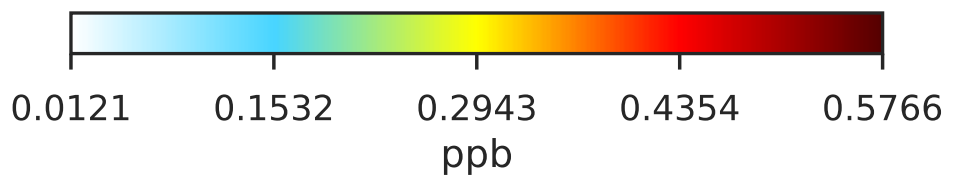
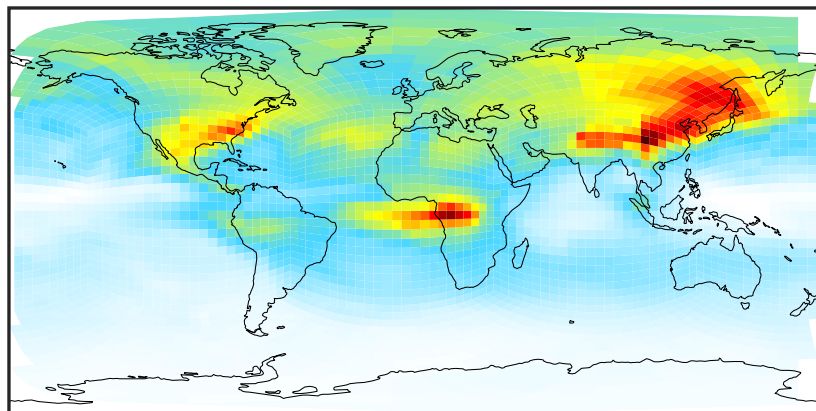


SpeciesConcVV_PAN

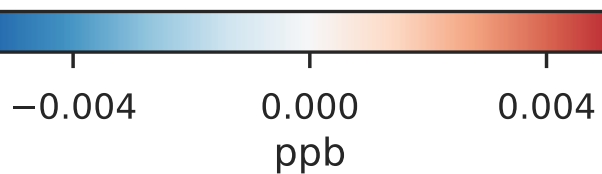
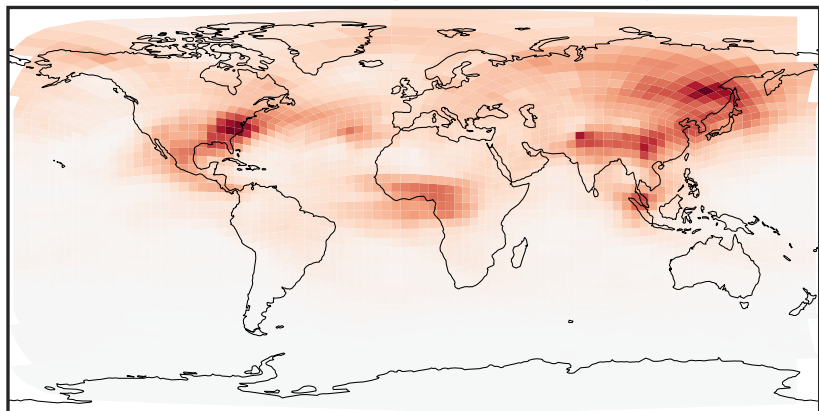
Fast-JX in 14.3.0 (Ref)
c24



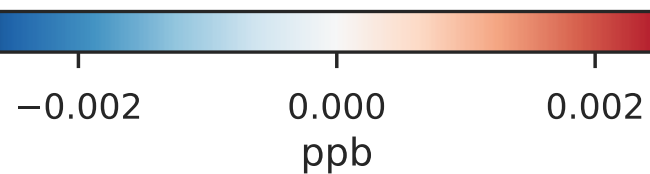
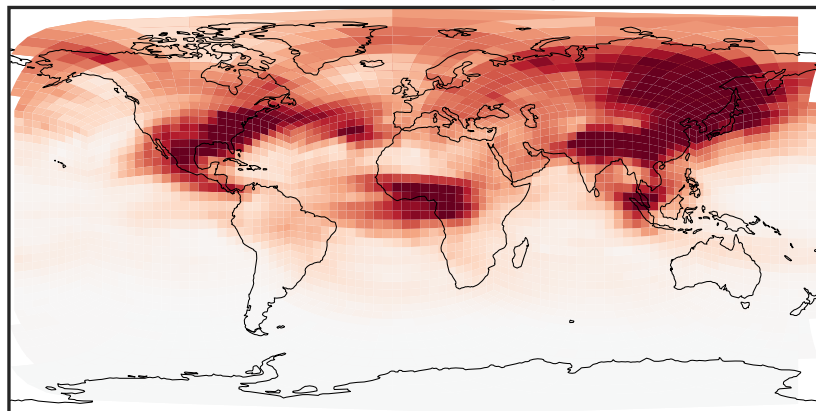
Cloud-J in 14.3.0 (Dev)
c24



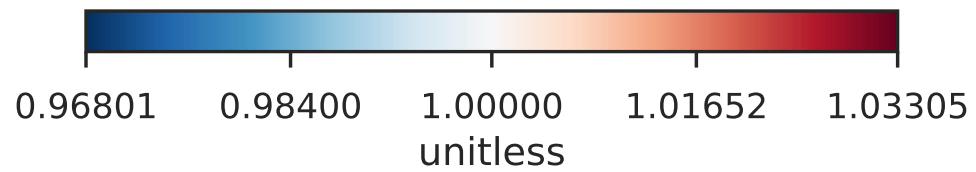
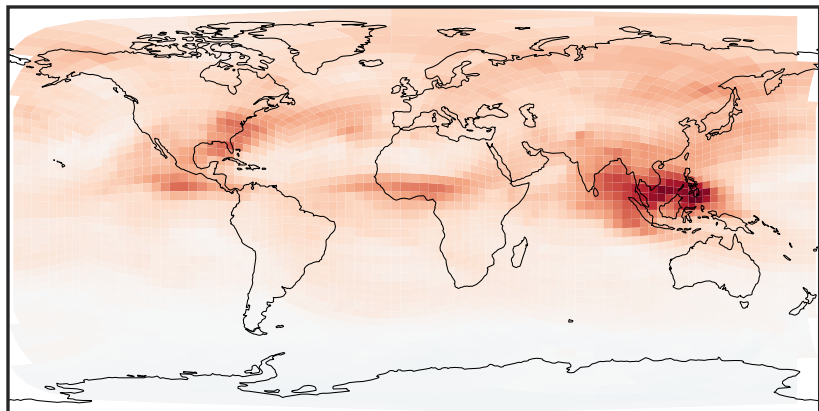
Difference
Dev - Ref, Dynamic Range



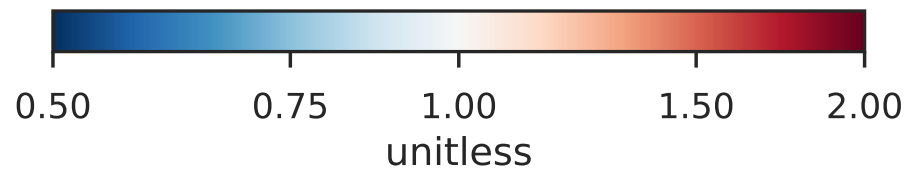
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

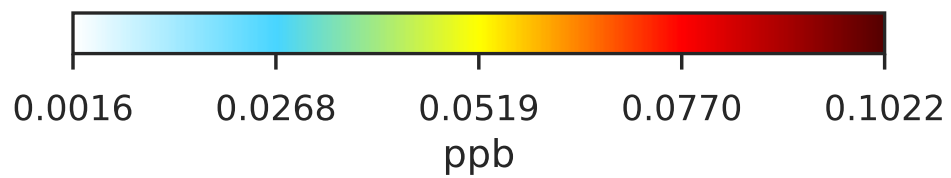
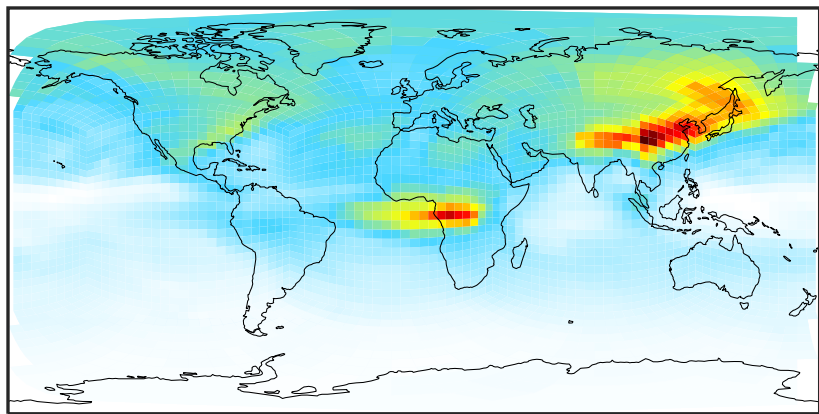


Ratio
Dev/Ref, Fixed Range

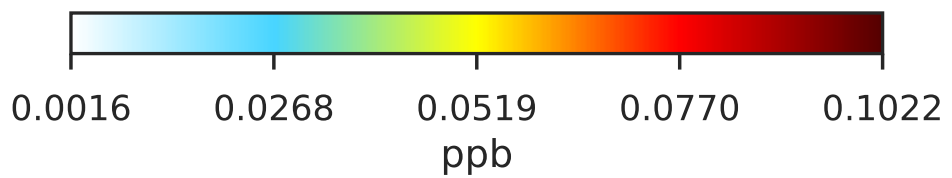
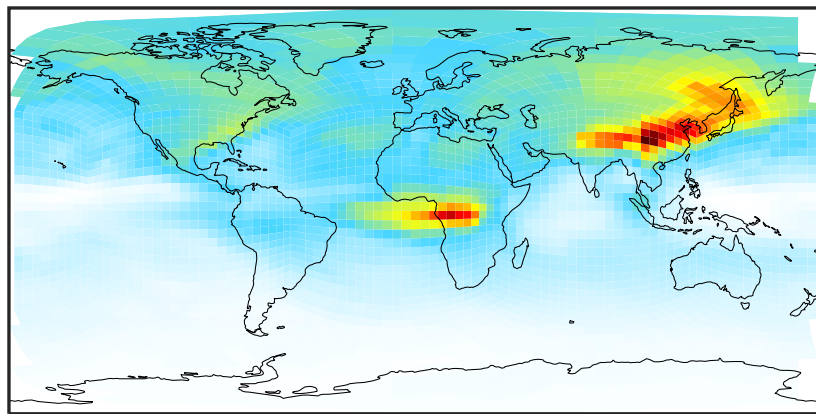


SpeciesConcVV_PPN

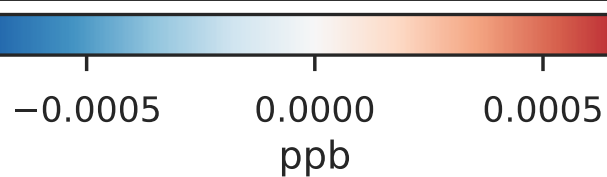
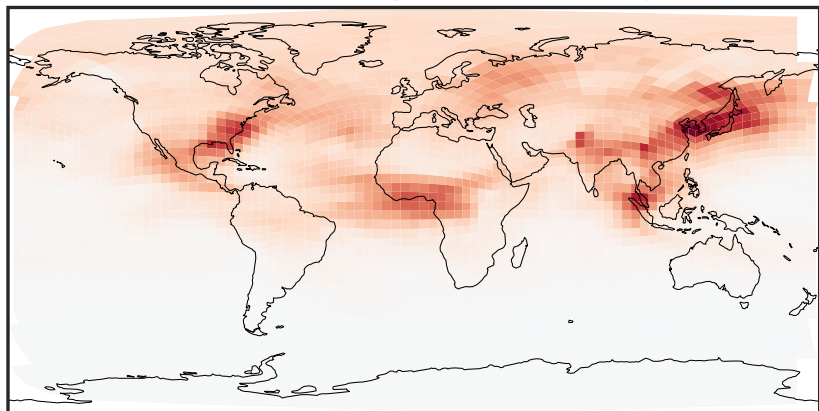
Fast-JX in 14.3.0 (Ref)
c24



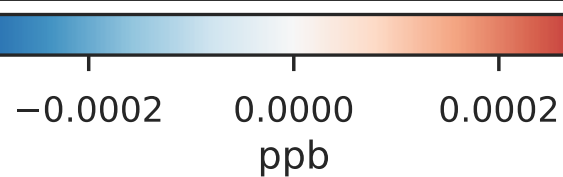
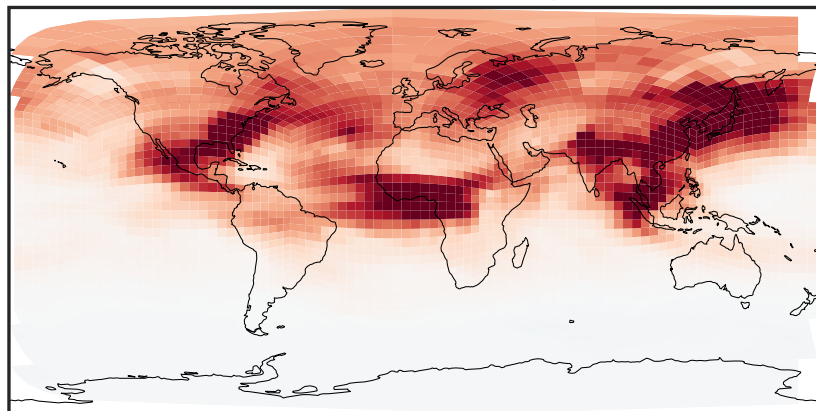
Cloud-J in 14.3.0 (Dev)
c24



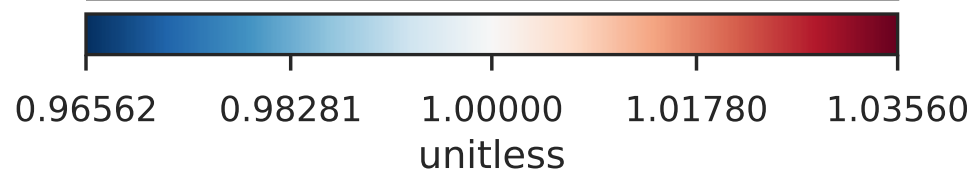
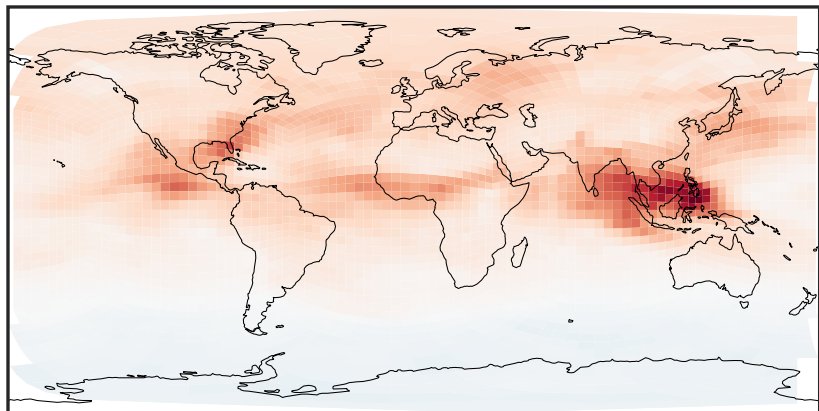
Difference
Dev - Ref, Dynamic Range



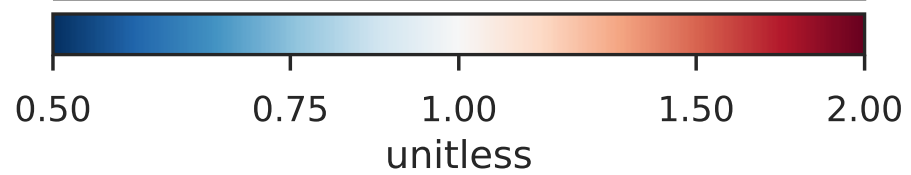
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

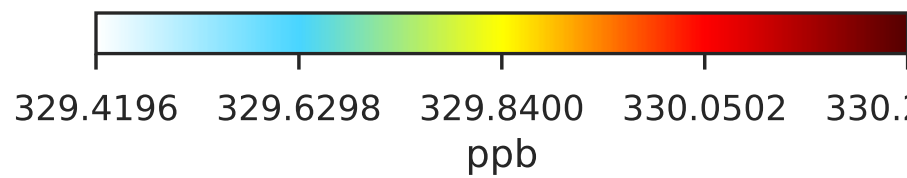
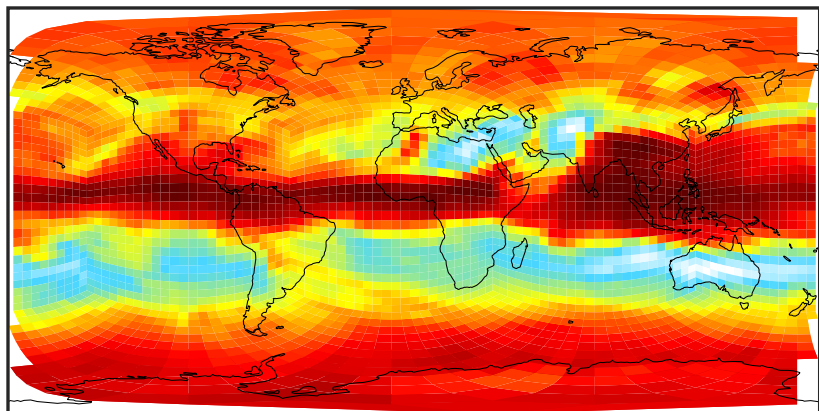


Ratio
Dev/Ref, Fixed Range

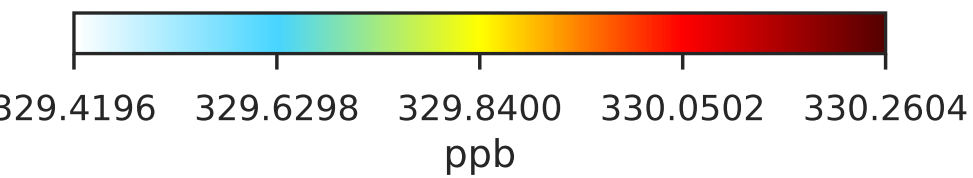
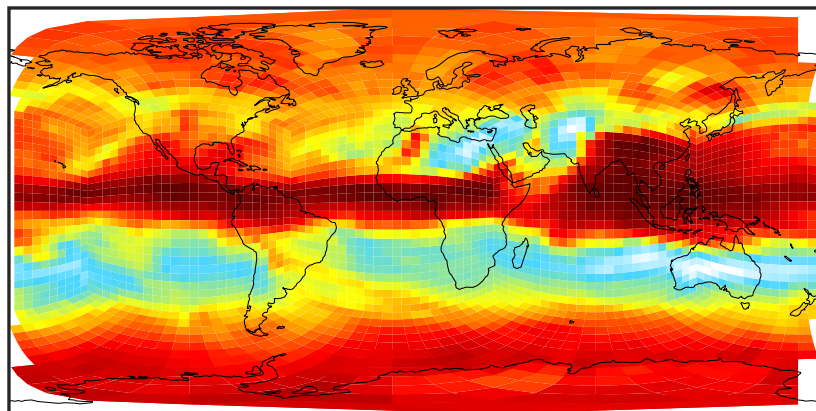


SpeciesConcVV_N2O

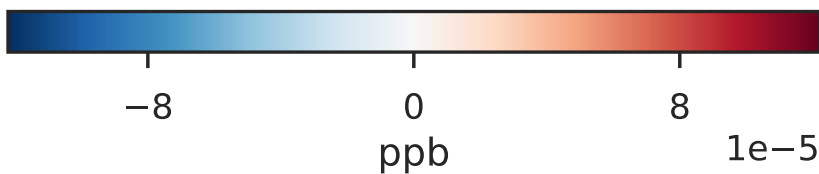
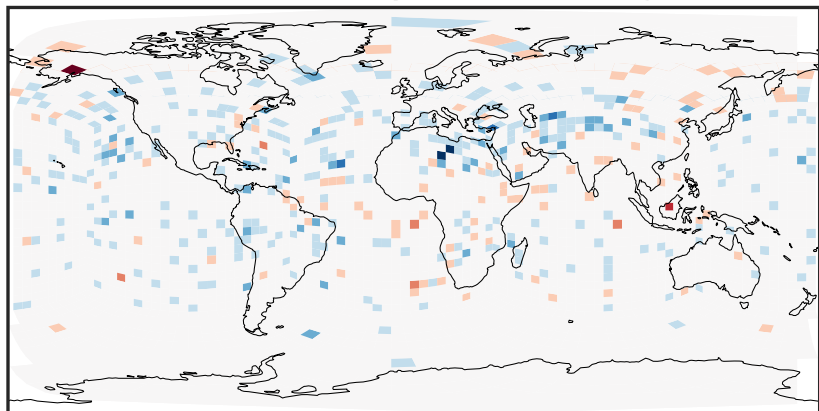
Fast-JX in 14.3.0 (Ref)
c24



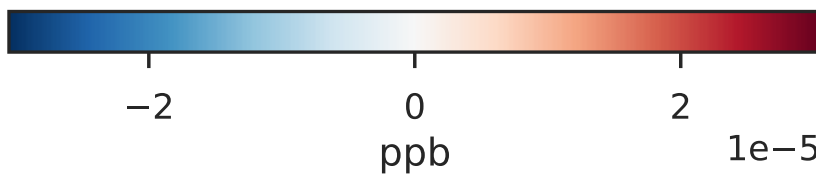
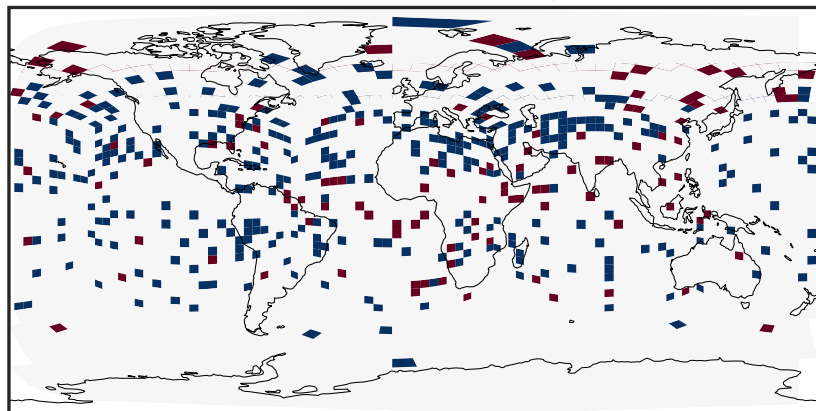
Cloud-J in 14.3.0 (Dev)
c24



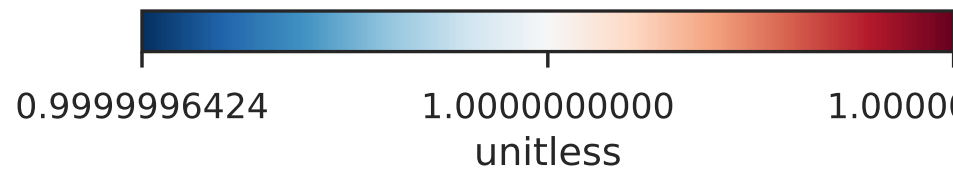
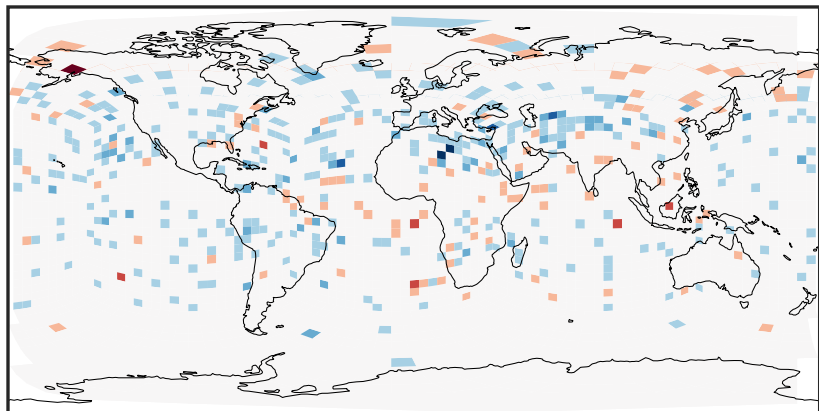
Difference
Dev - Ref, Dynamic Range



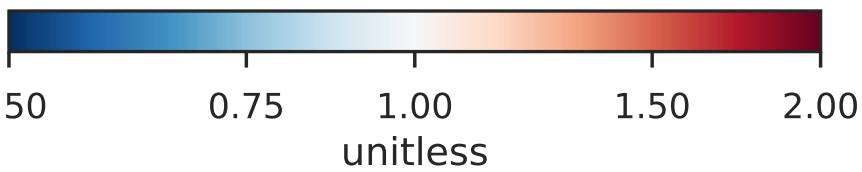
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

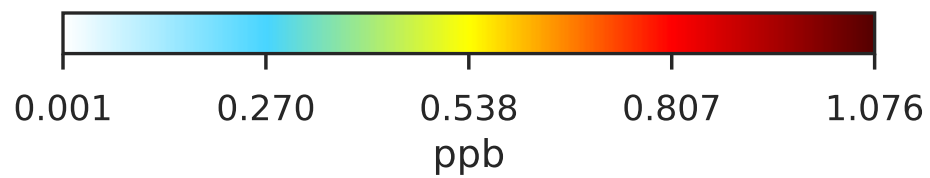
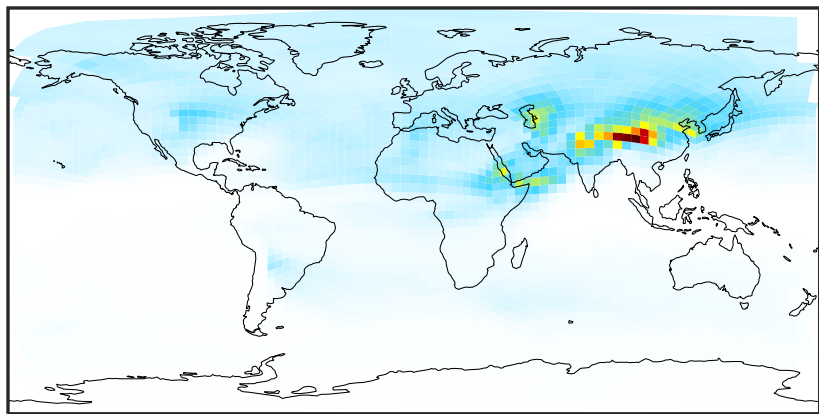


Ratio
Dev/Ref, Fixed Range

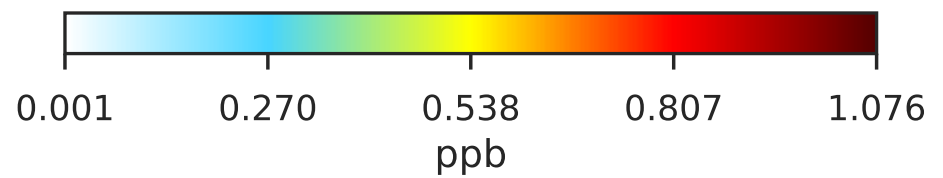
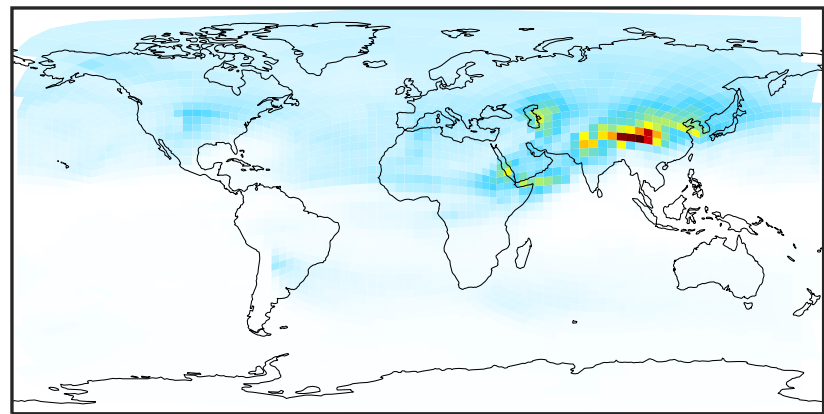


SpeciesConcVV_NHx

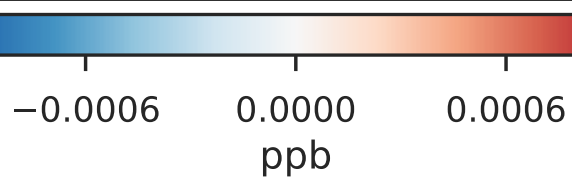
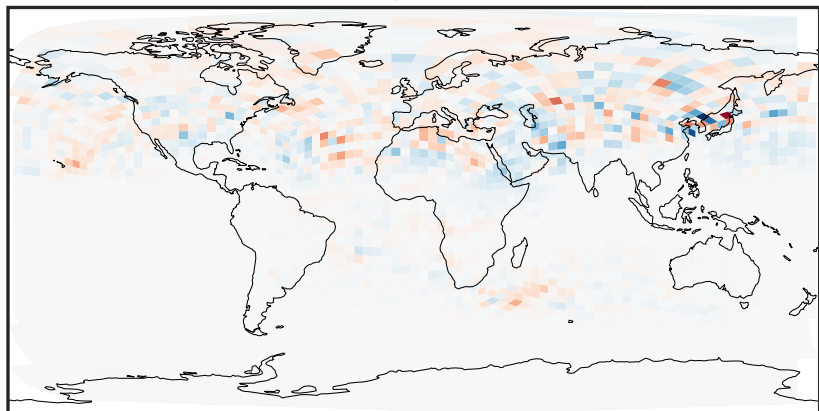
Fast-JX in 14.3.0 (Ref)
c24



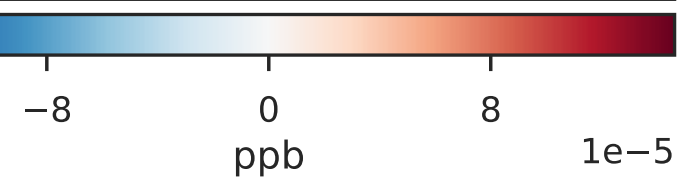
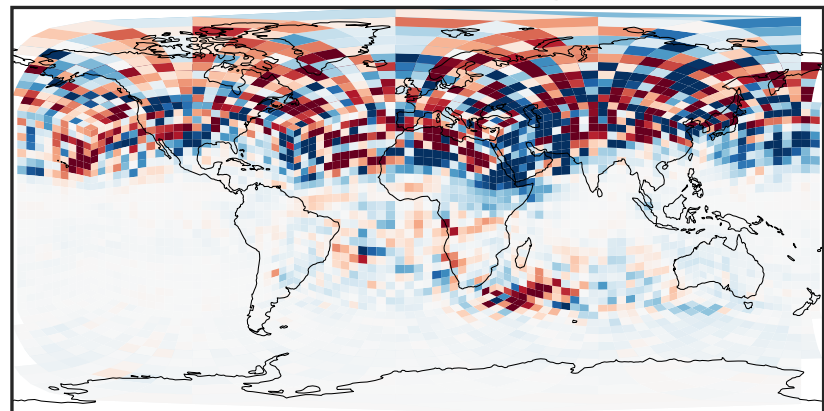
Cloud-J in 14.3.0 (Dev)
c24



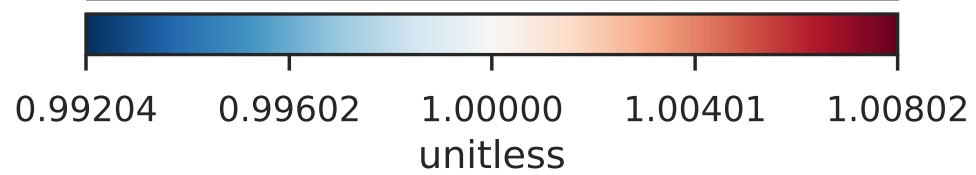
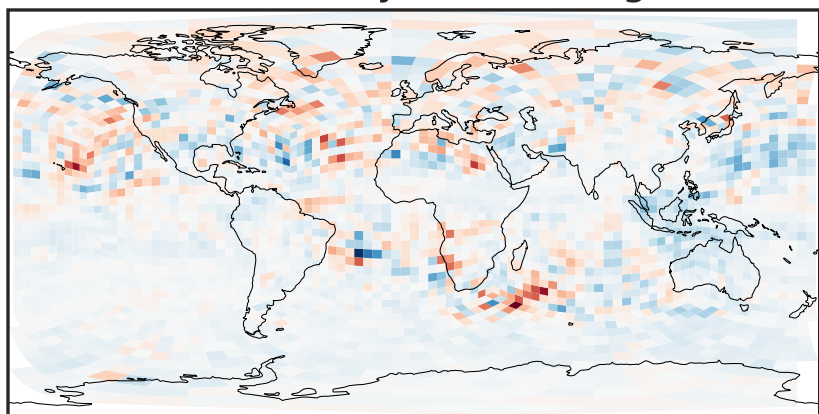
Difference
Dev - Ref, Dynamic Range



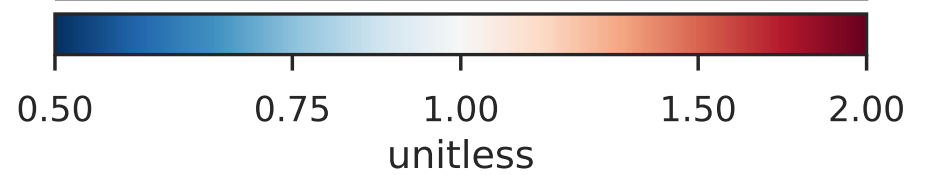
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

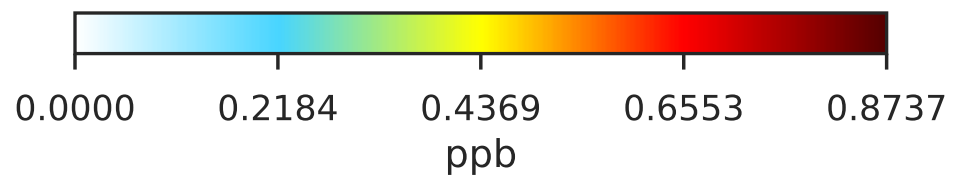
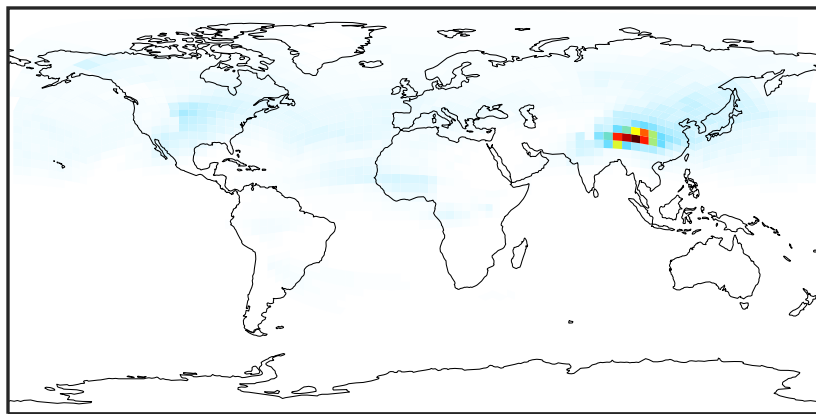


Ratio
Dev/Ref, Fixed Range

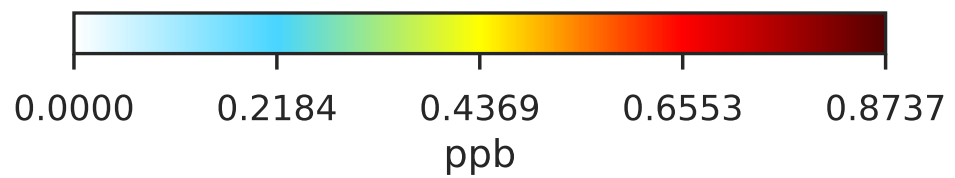
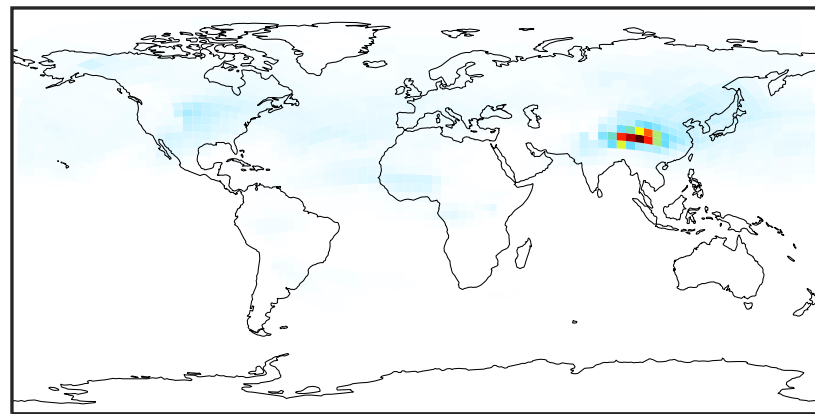


SpeciesConcVV_NH3

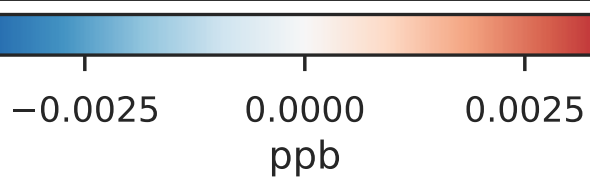
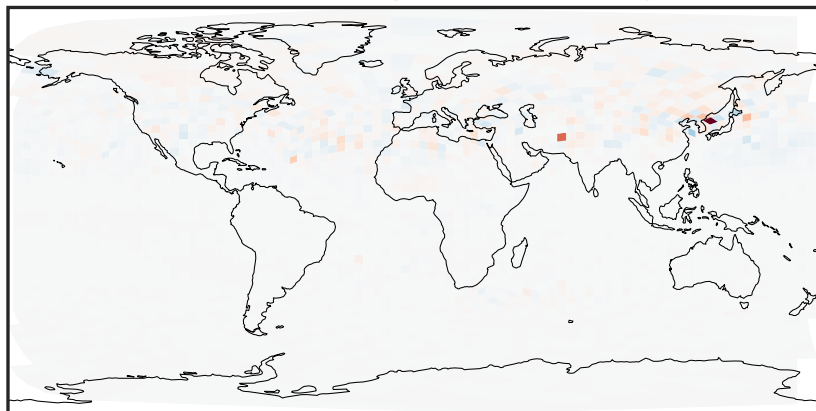
Fast-JX in 14.3.0 (Ref)
c24



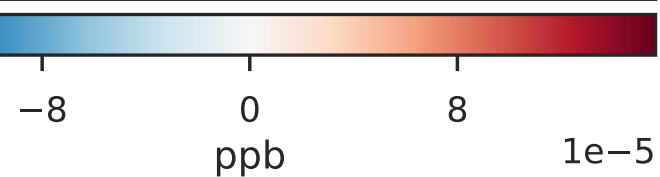
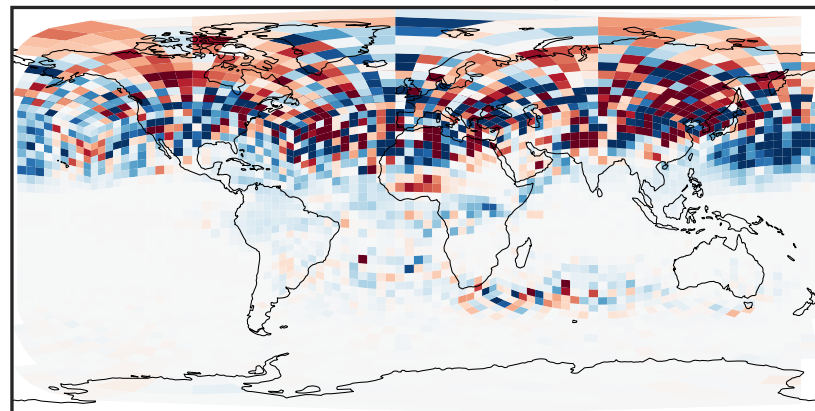
Cloud-J in 14.3.0 (Dev)
c24



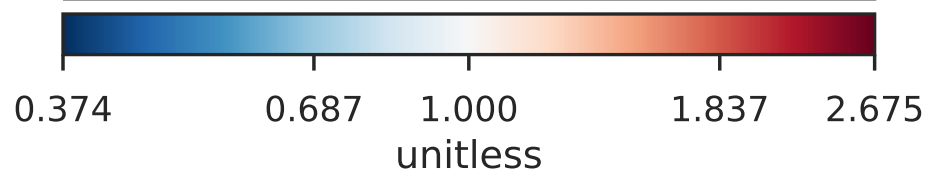
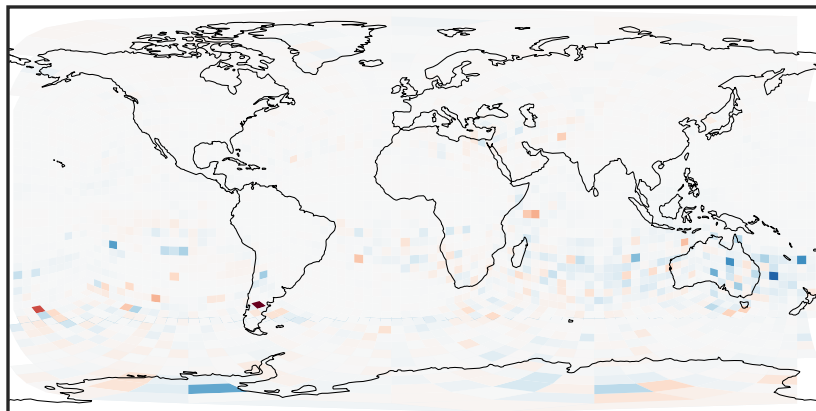
Difference
Dev - Ref, Dynamic Range



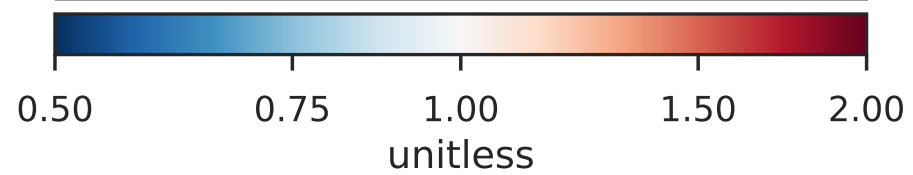
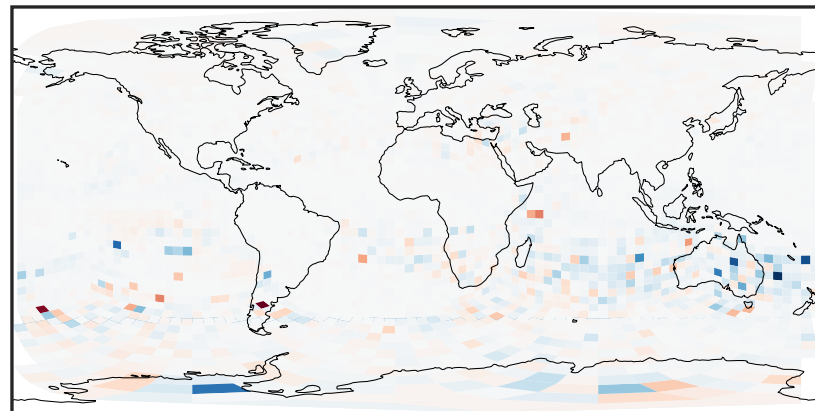
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

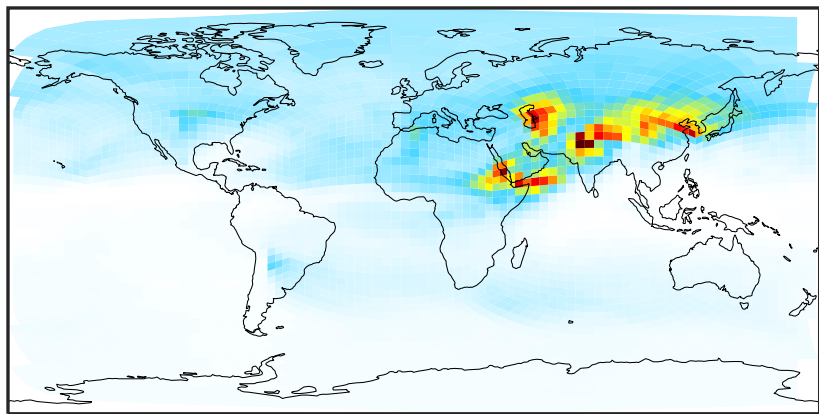


Ratio
Dev/Ref, Fixed Range



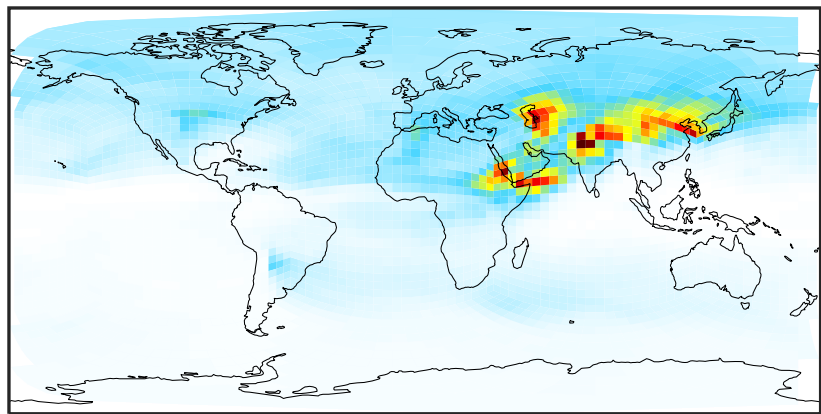
SpeciesConcVV_NH4

Fast-JX in 14.3.0 (Ref)
c24



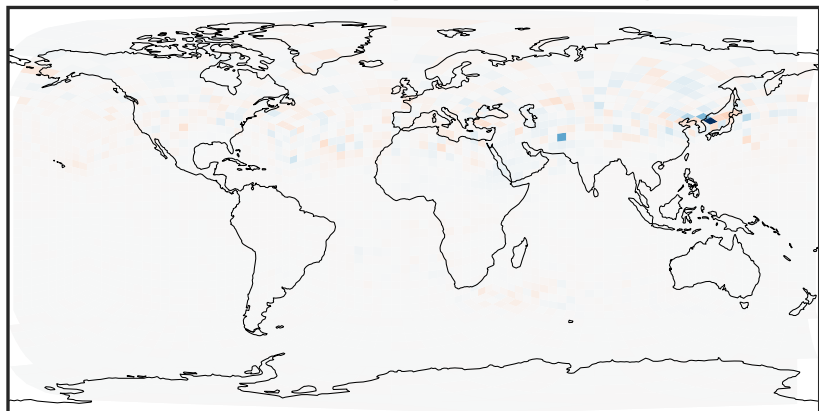
0.0006 0.1370 0.2735 0.4099 0.5464
ppb

Cloud-J in 14.3.0 (Dev)
c24



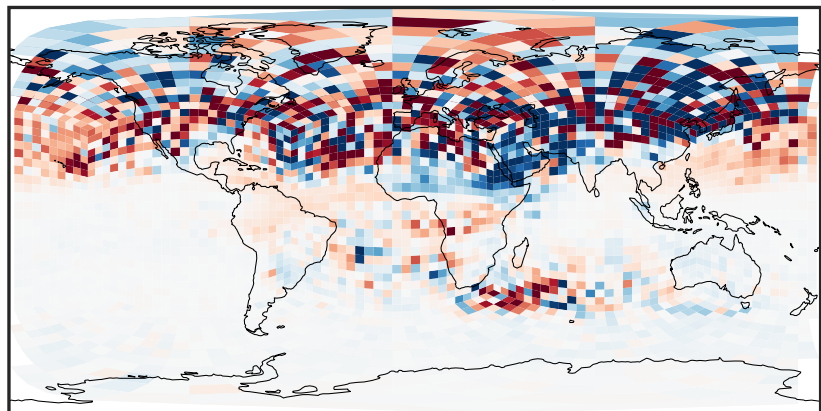
0.0006 0.1370 0.2735 0.4099 0.5464
ppb

Difference
Dev - Ref, Dynamic Range



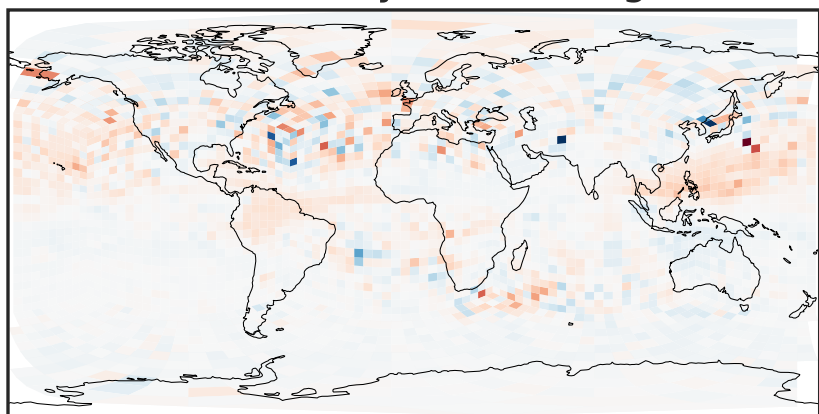
-0.003 0.000 0.003
ppb

Difference
Dev - Ref, Restricted Range [5%,95%]



-0.0001 0.0000 0.0001
ppb

Ratio
Dev/Ref, Dynamic Range



0.97978 0.98989 1.00000 1.01032 1.02064
unitless

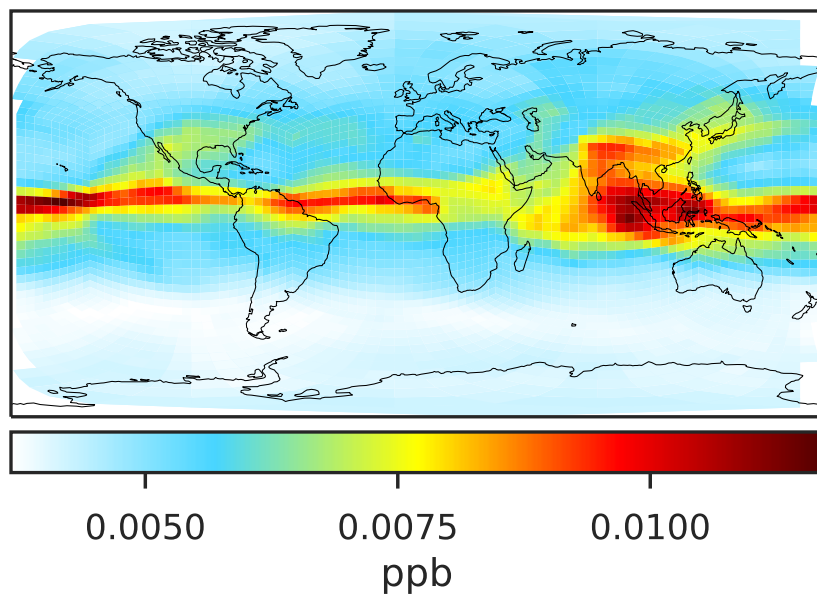
Ratio
Dev/Ref, Fixed Range



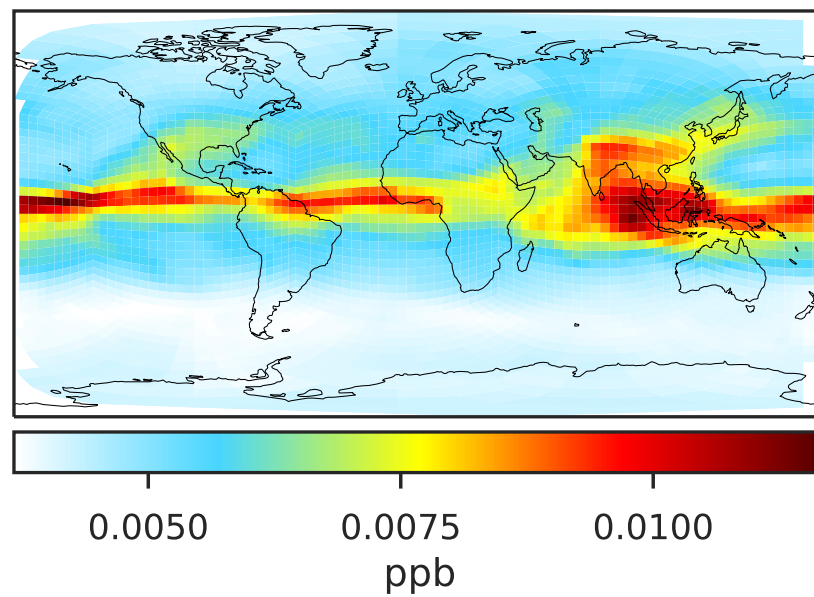
0.50 0.75 1.00 1.50 2.00
unitless

SpeciesConcVV_MENO3

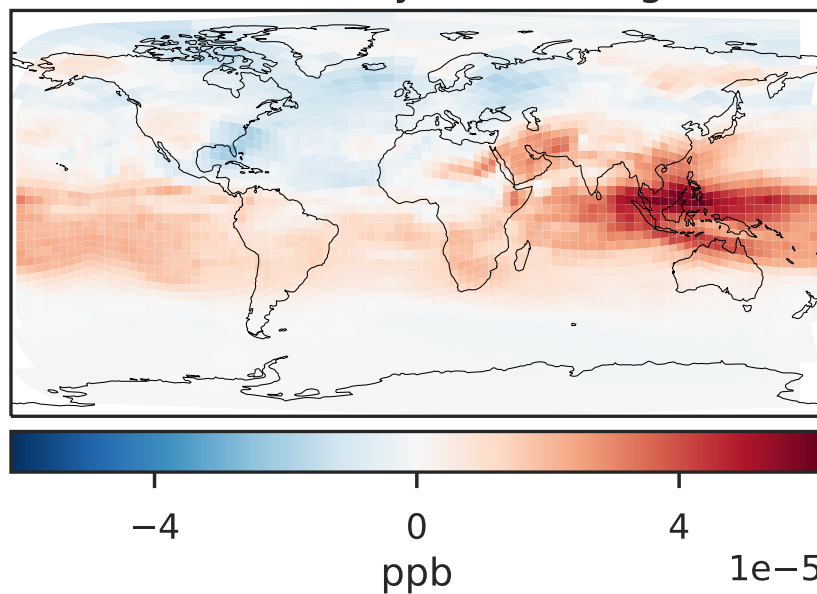
Fast-JX in 14.3.0 (Ref)
c24



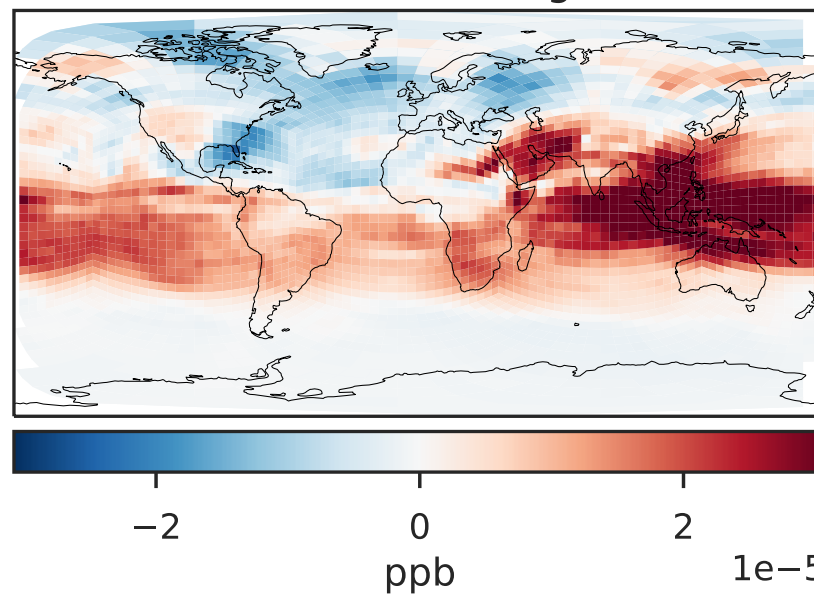
Cloud-J in 14.3.0 (Dev)
c24



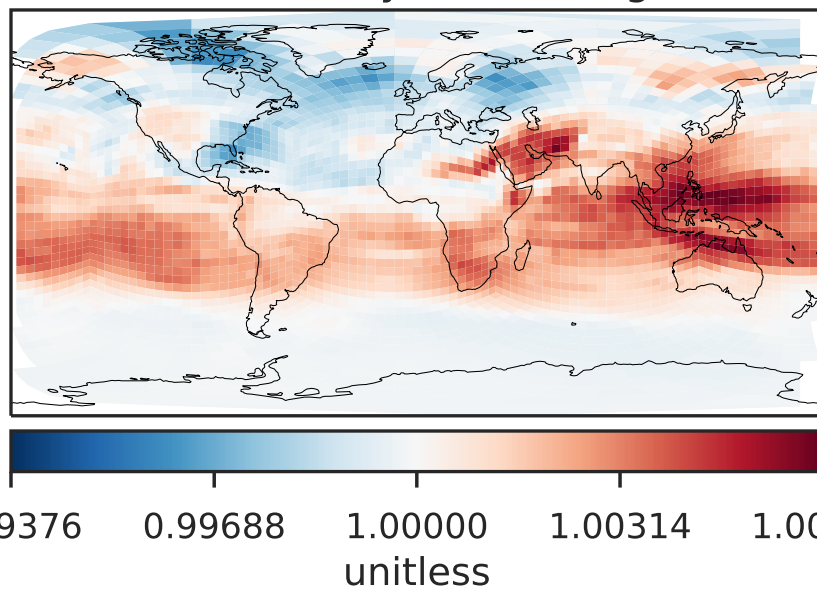
Difference
Dev - Ref, Dynamic Range



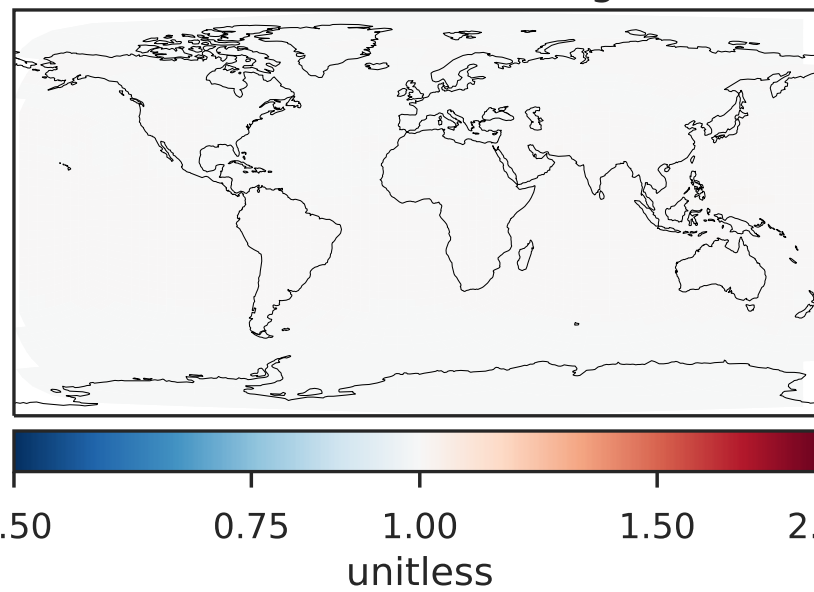
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

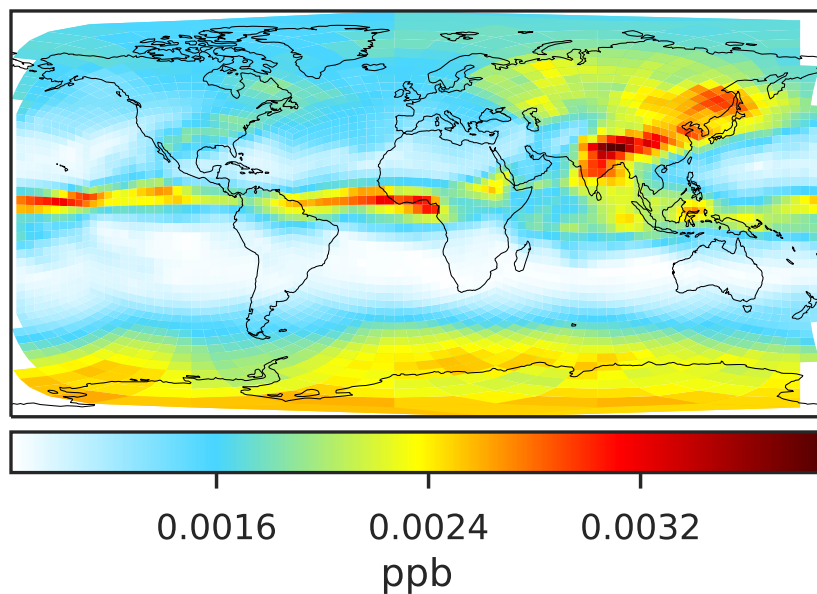


Ratio
Dev/Ref, Fixed Range

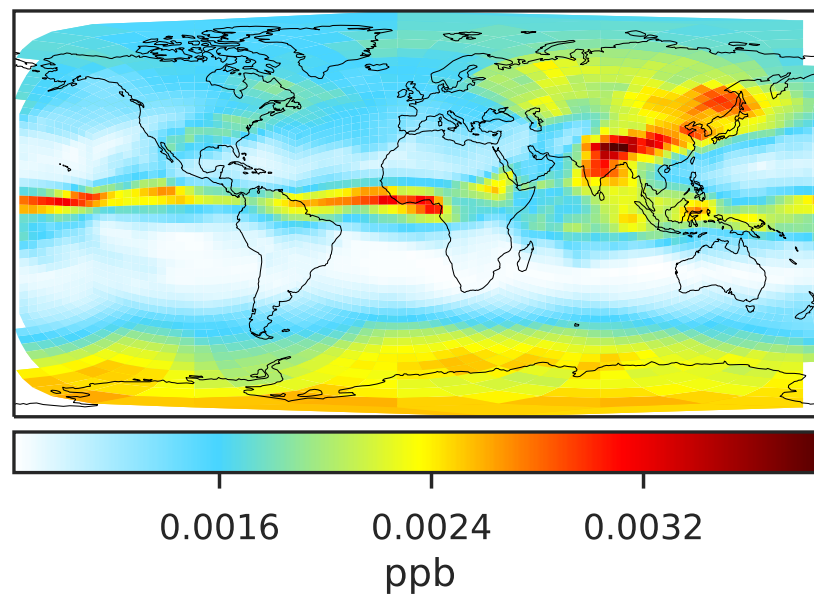


SpeciesConcVV_ETNO3

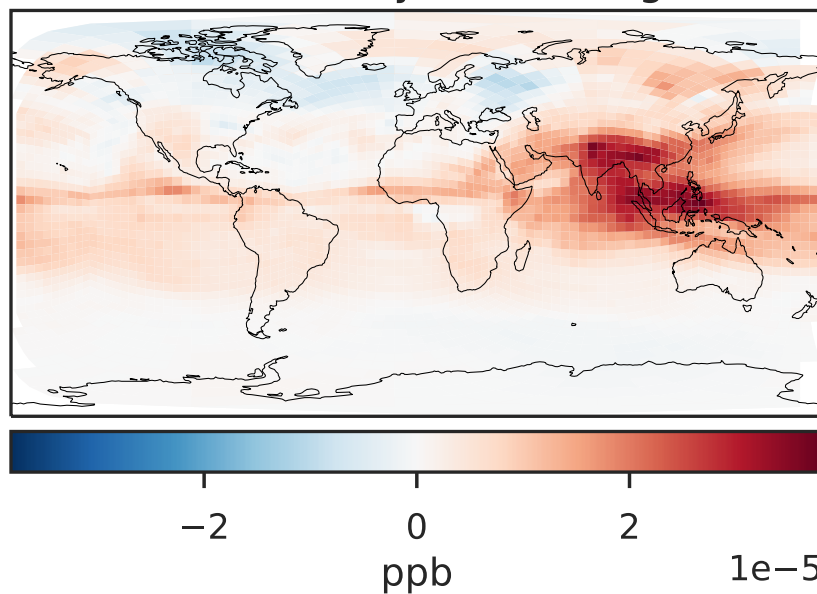
Fast-JX in 14.3.0 (Ref)
c24



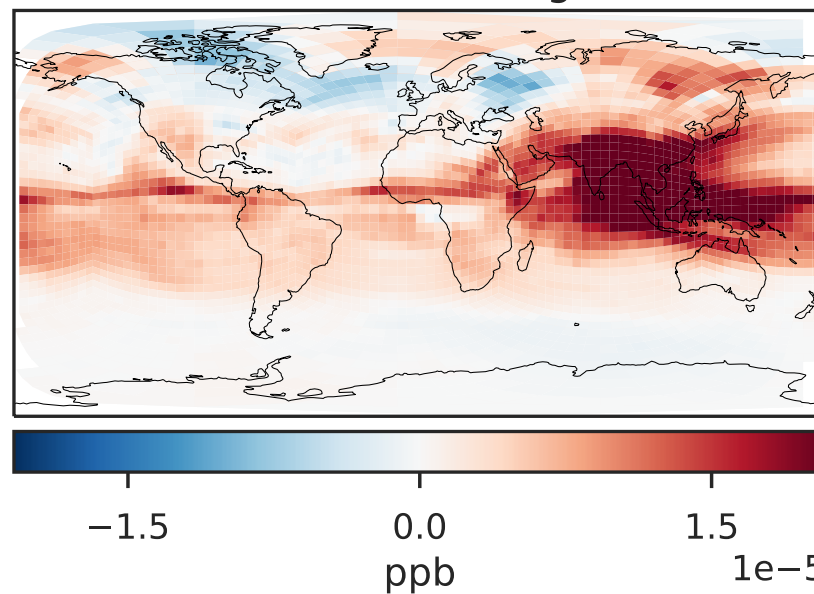
Cloud-J in 14.3.0 (Dev)
c24



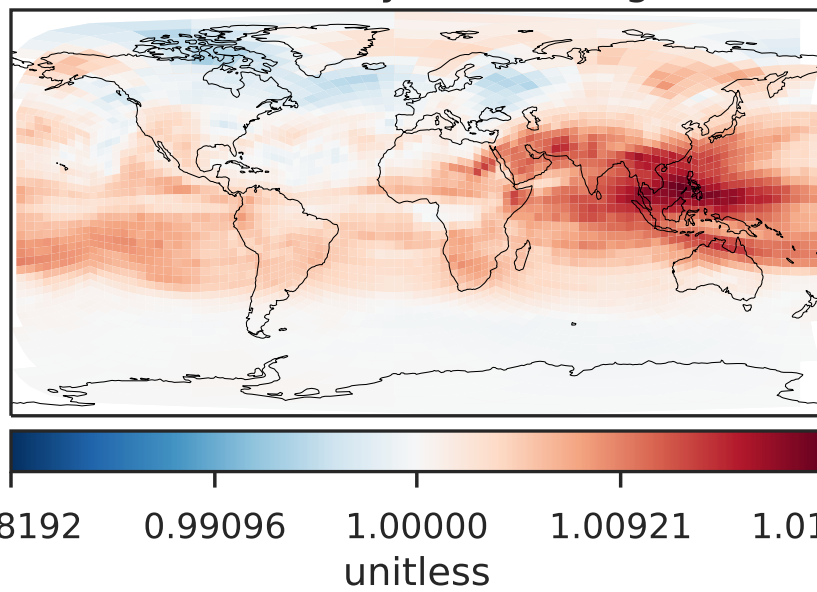
Difference
Dev - Ref, Dynamic Range



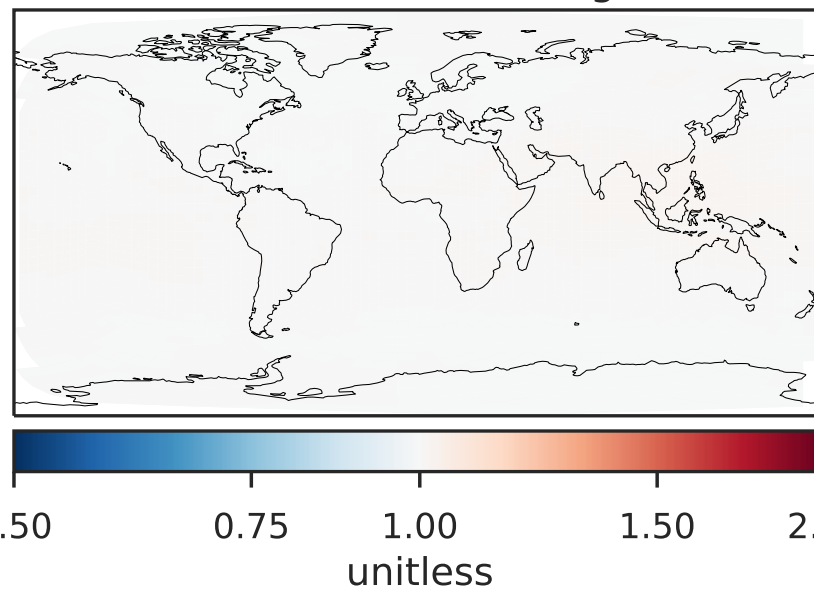
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

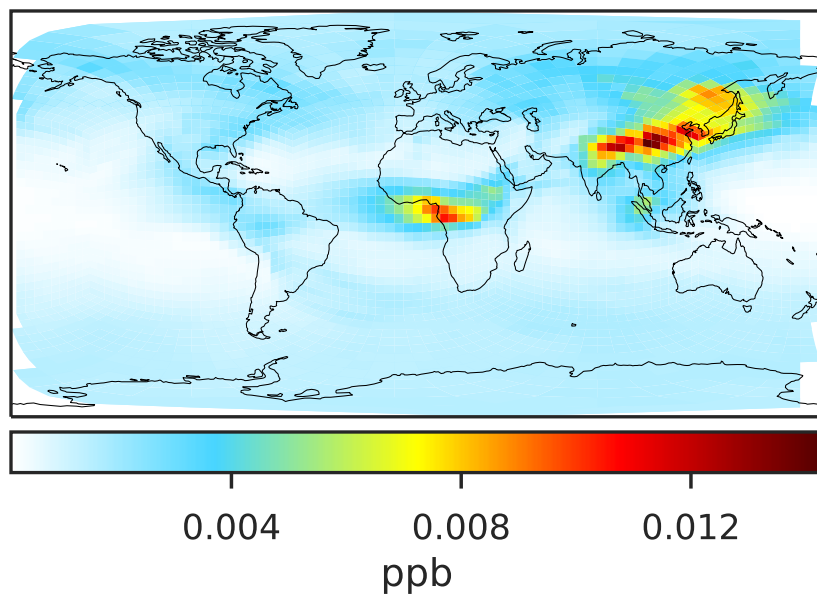


Ratio
Dev/Ref, Fixed Range

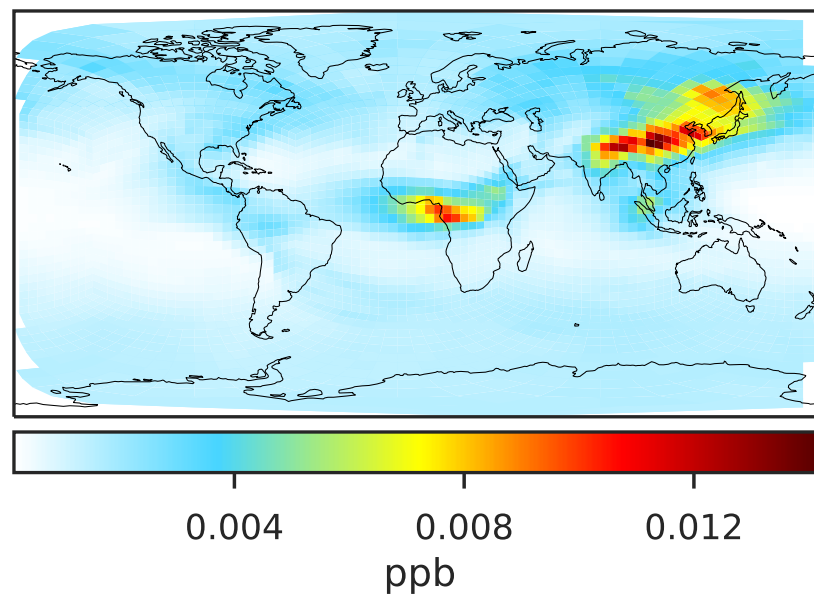


SpeciesConcVV_IPRNO3

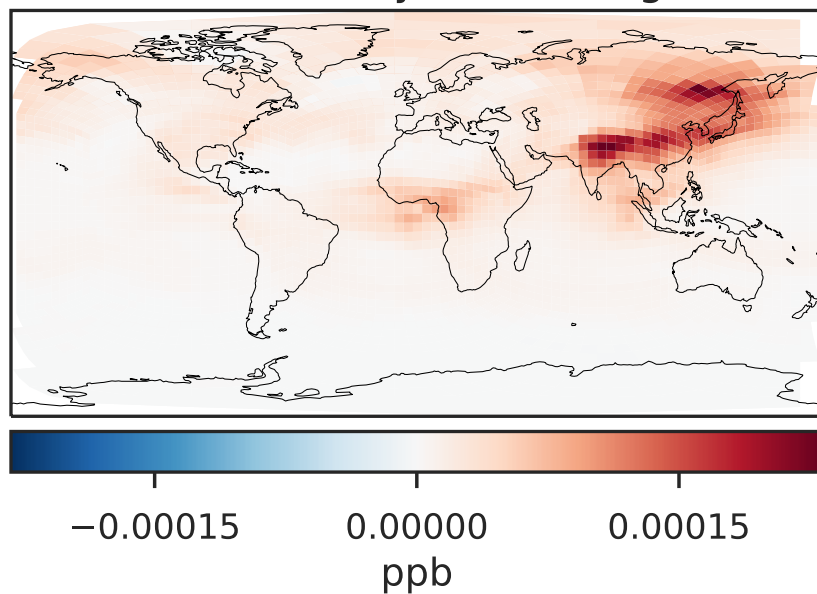
Fast-JX in 14.3.0 (Ref)
c24



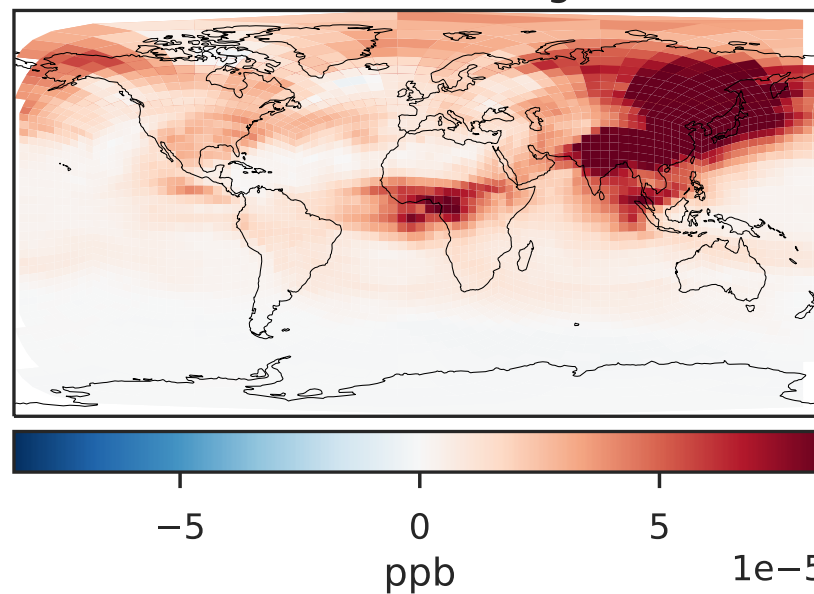
Cloud-J in 14.3.0 (Dev)
c24



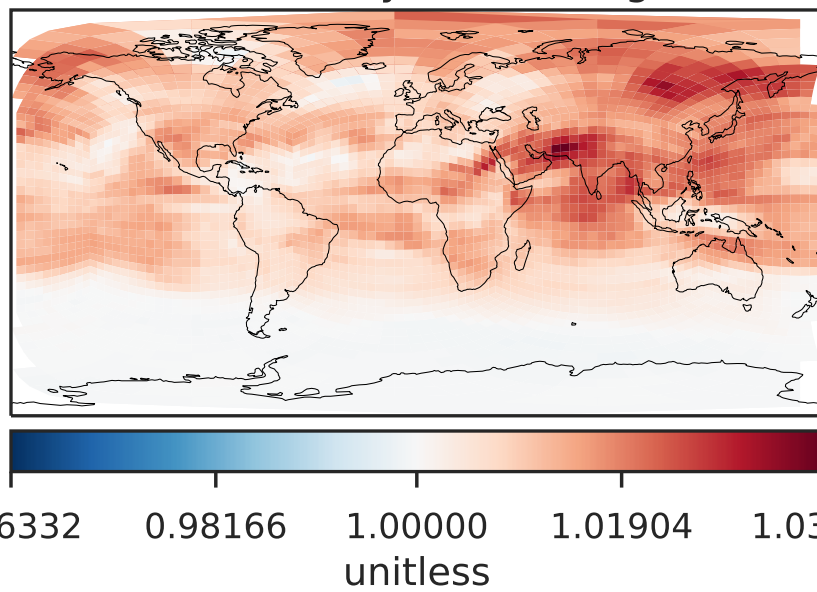
Difference
Dev - Ref, Dynamic Range



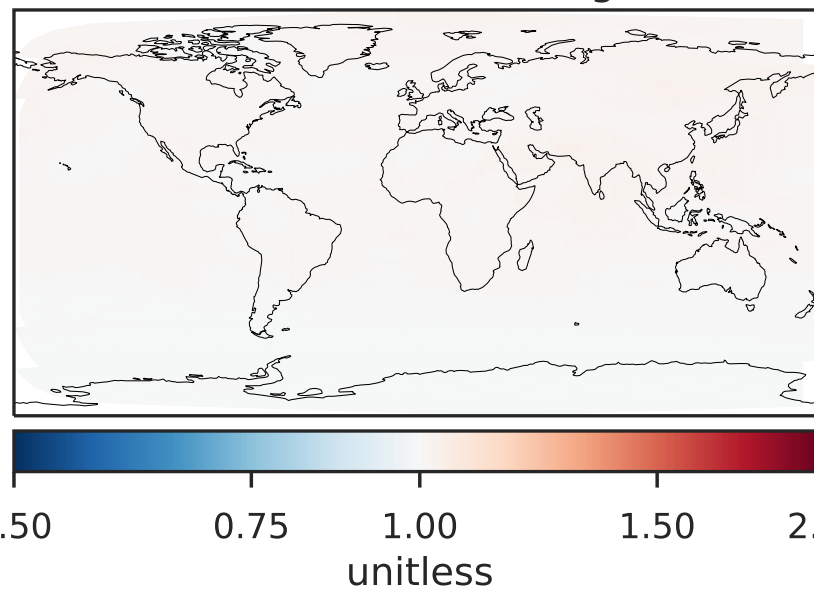
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

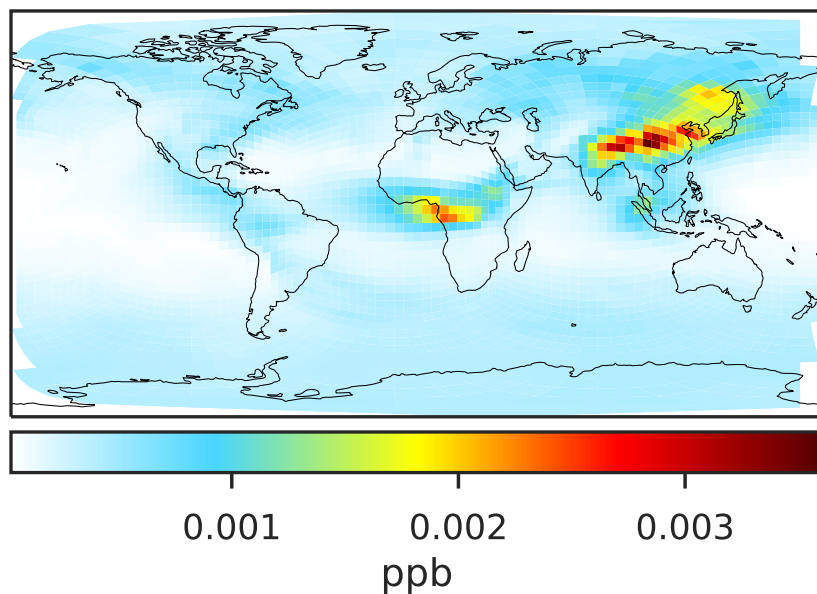


Ratio
Dev/Ref, Fixed Range

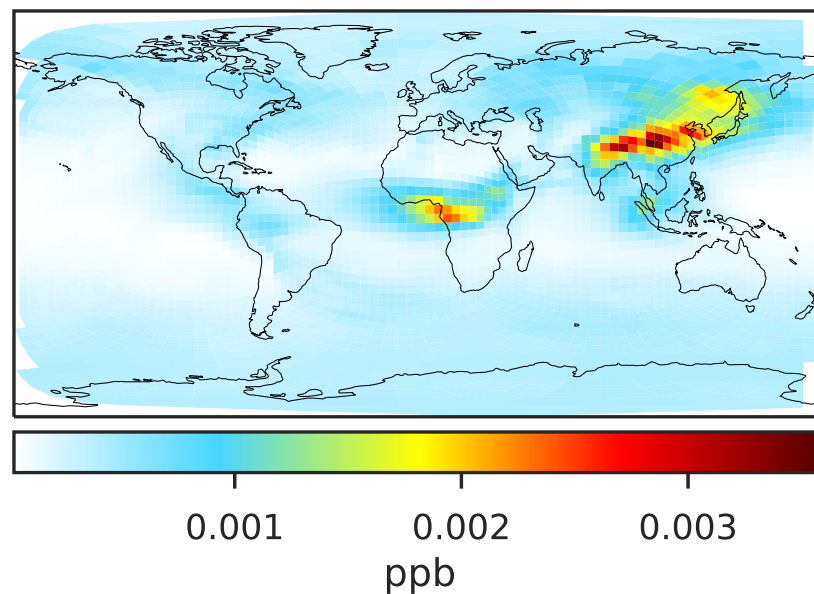


SpeciesConcVV_NPRNO3

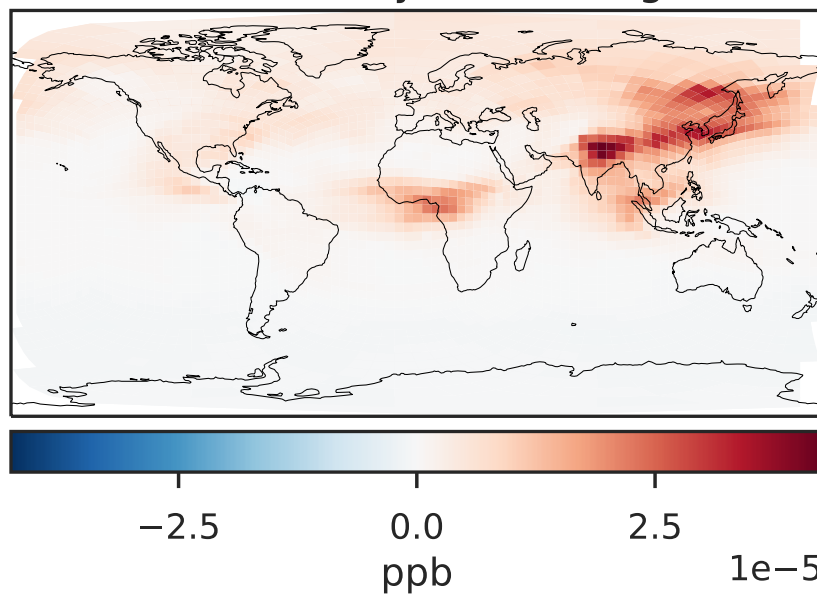
Fast-JX in 14.3.0 (Ref)
c24



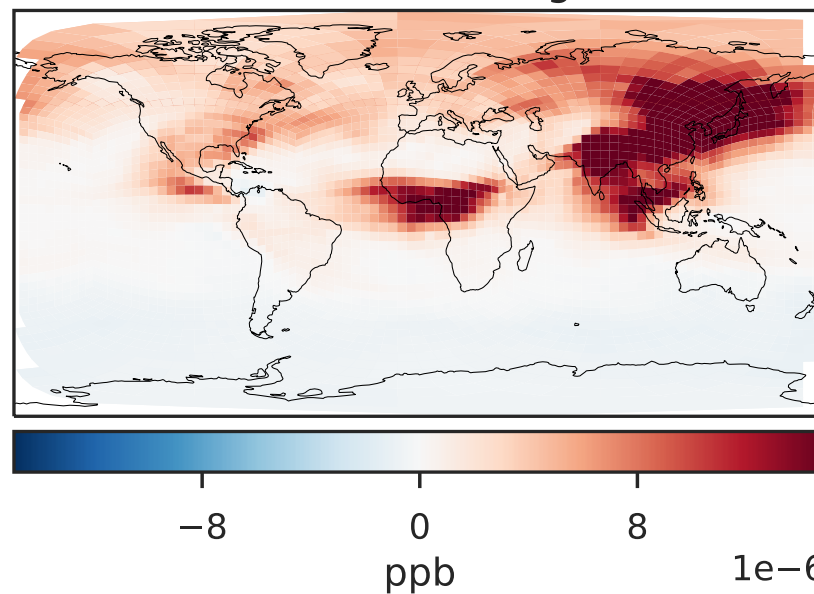
Cloud-J in 14.3.0 (Dev)
c24



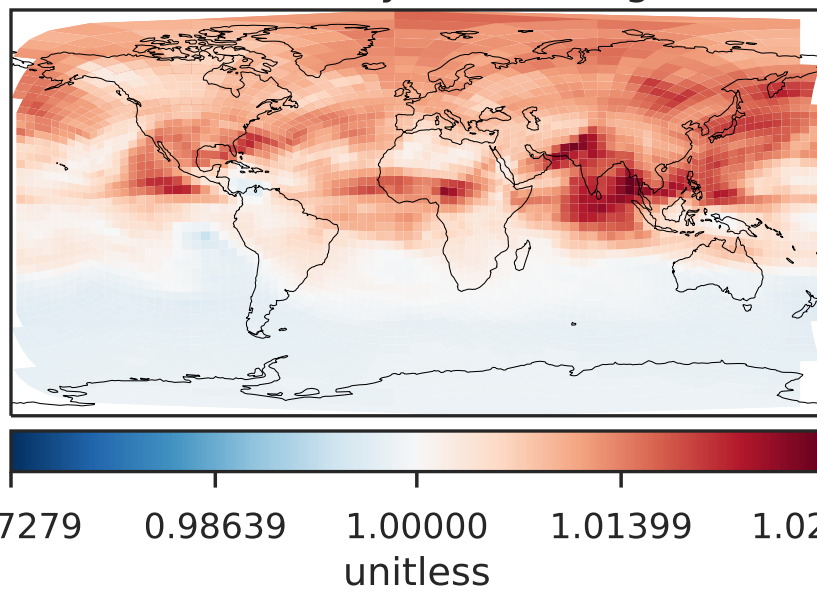
Difference
Dev - Ref, Dynamic Range



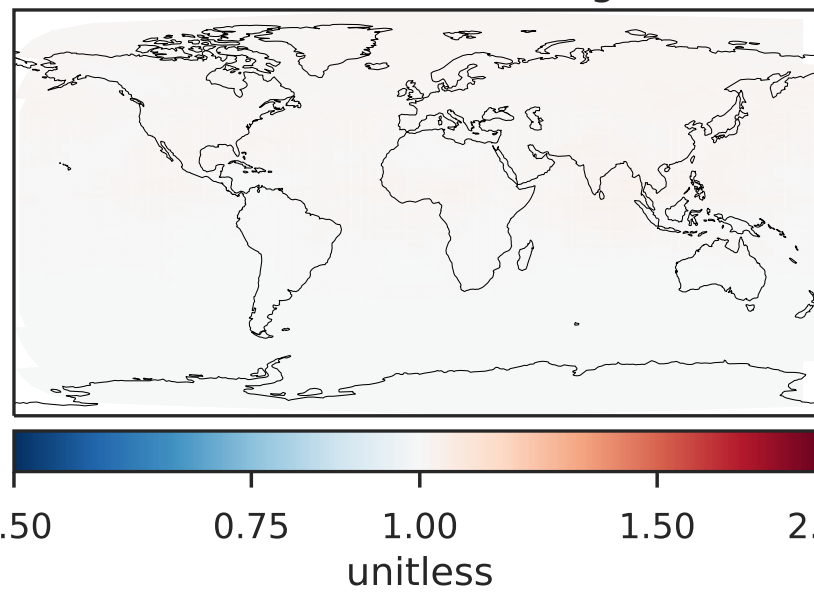
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

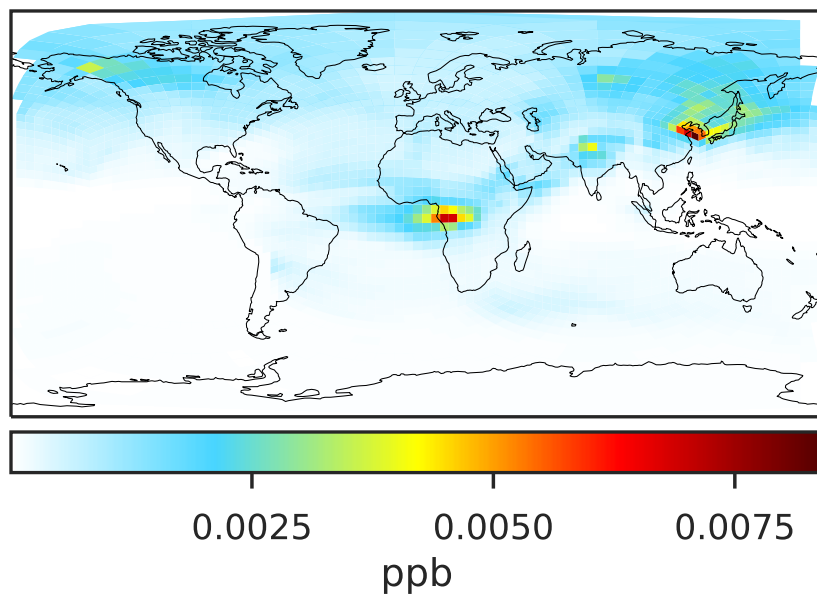


Ratio
Dev/Ref, Fixed Range

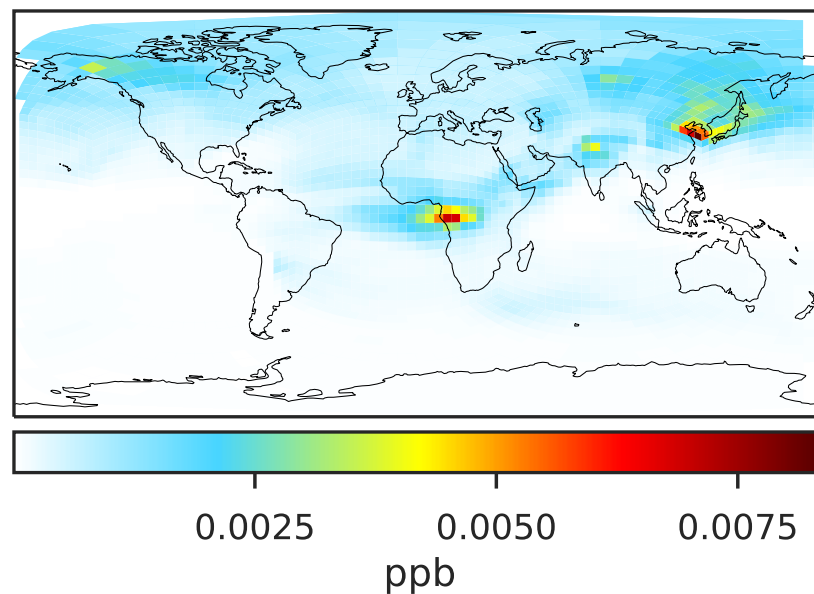


SpeciesConcVW_AONITA

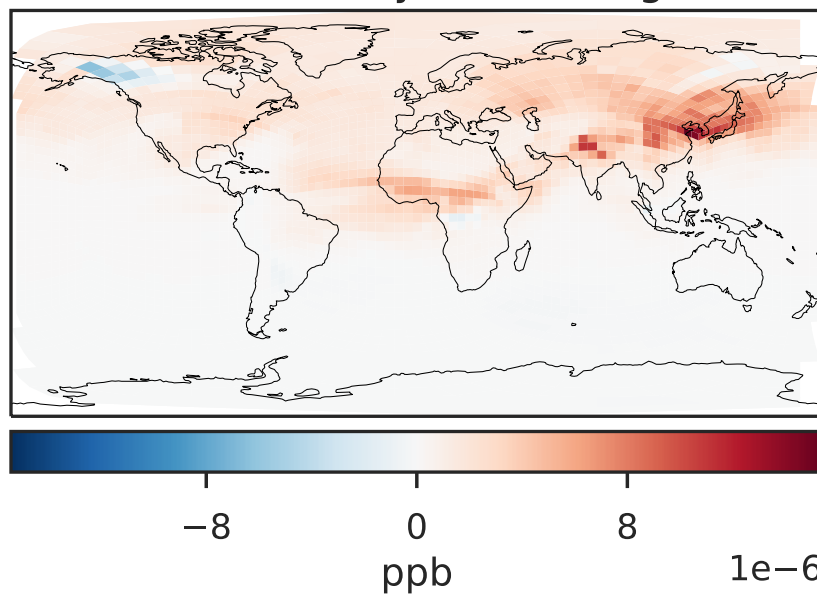
Fast-JX in 14.3.0 (Ref)
c24



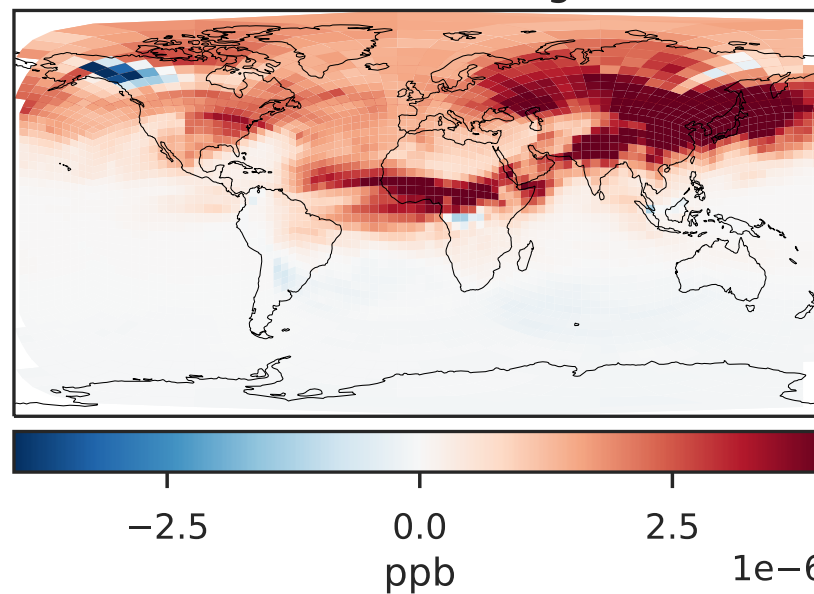
Cloud-J in 14.3.0 (Dev)
c24



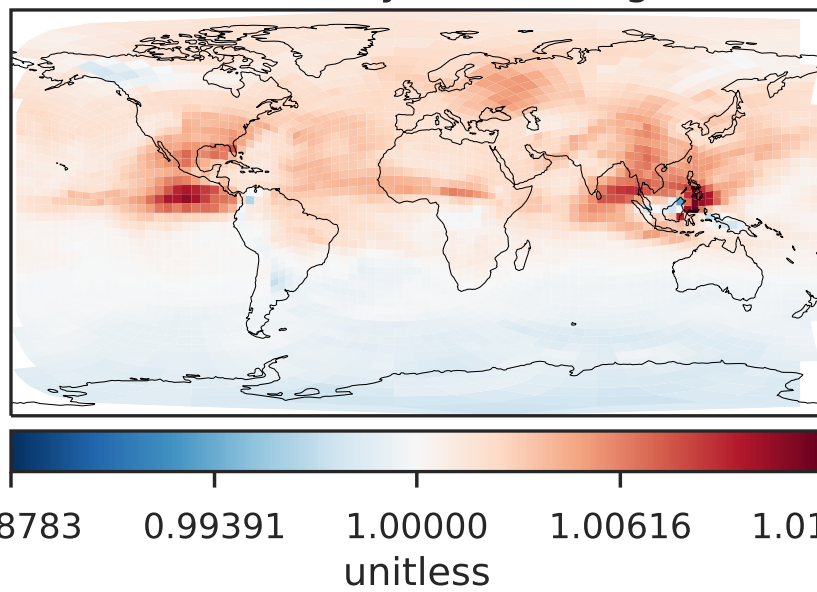
Difference
Dev - Ref, Dynamic Range



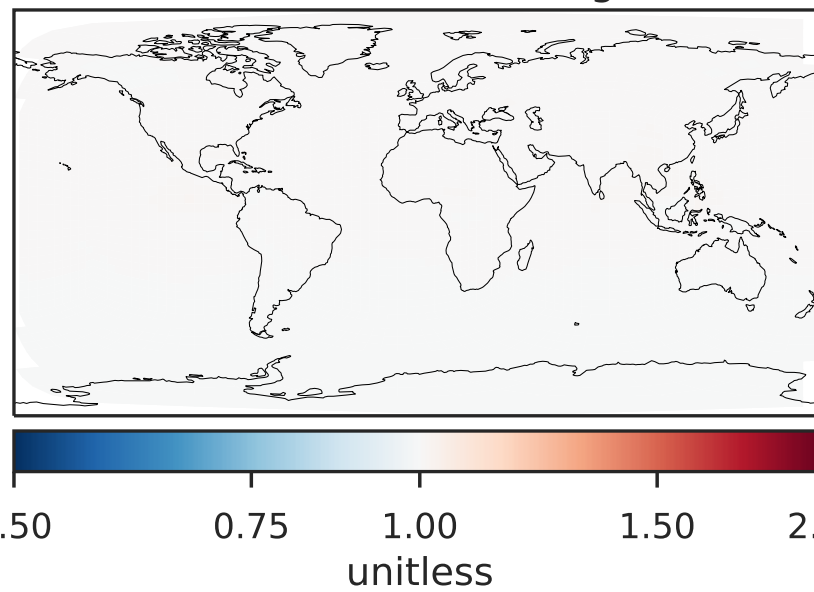
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

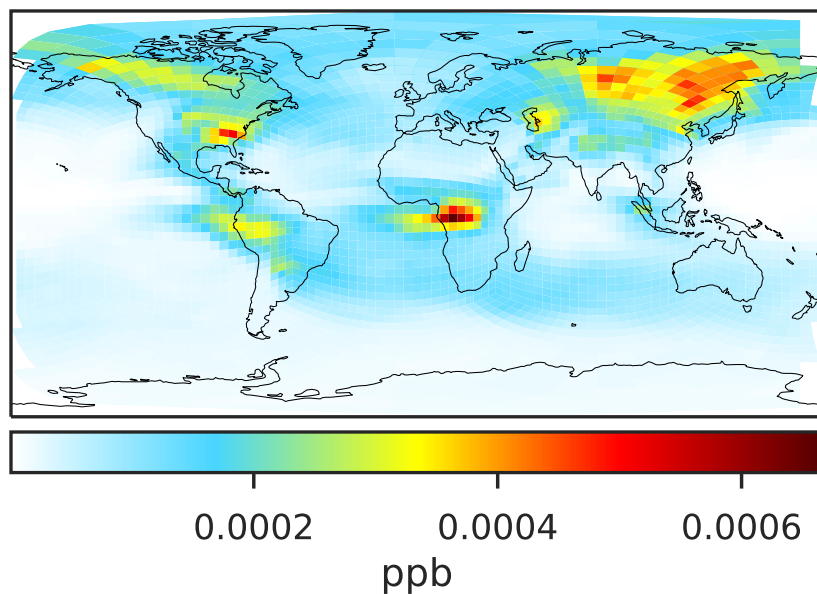


Ratio
Dev/Ref, Fixed Range

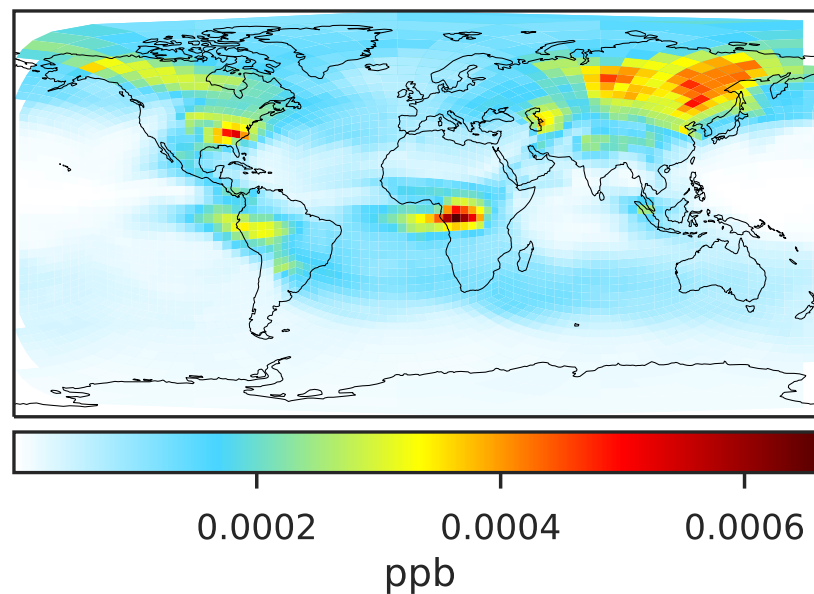


SpeciesConcVV_ETHN

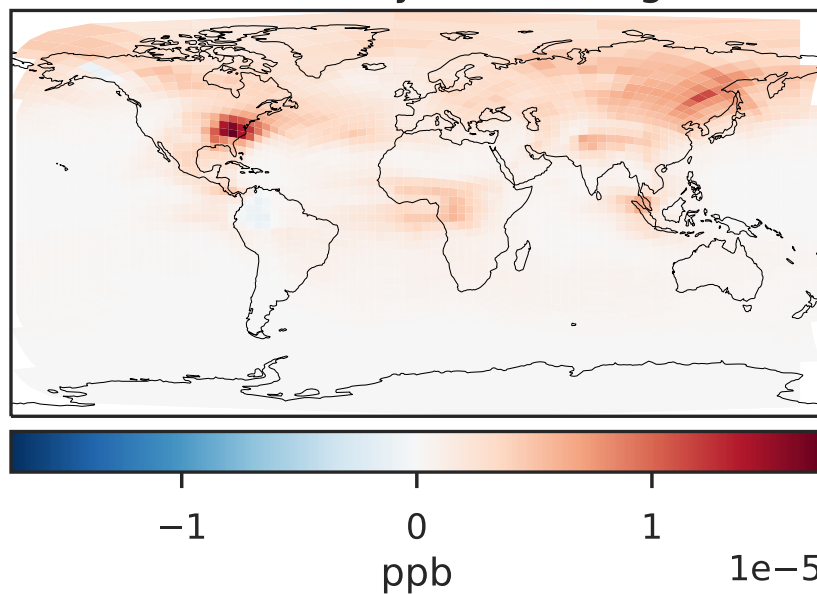
Fast-JX in 14.3.0 (Ref)
c24



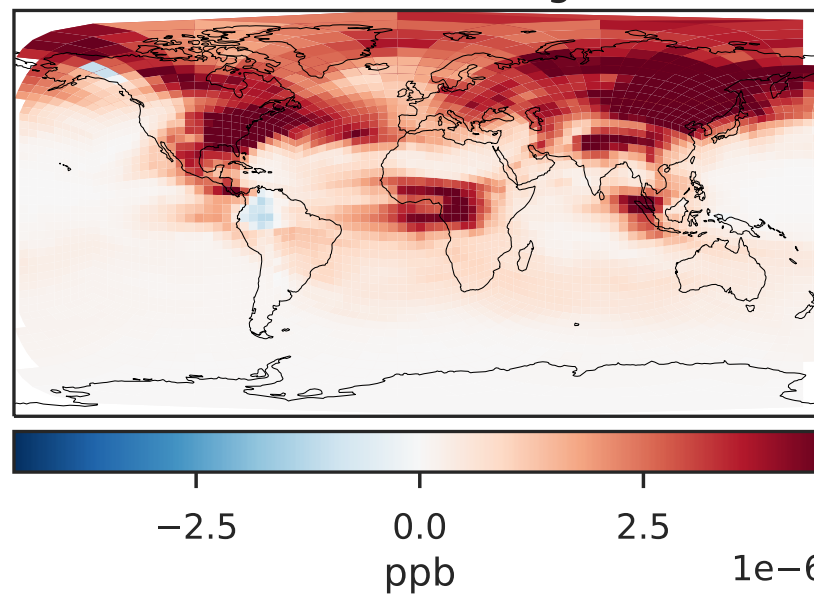
Cloud-J in 14.3.0 (Dev)
c24



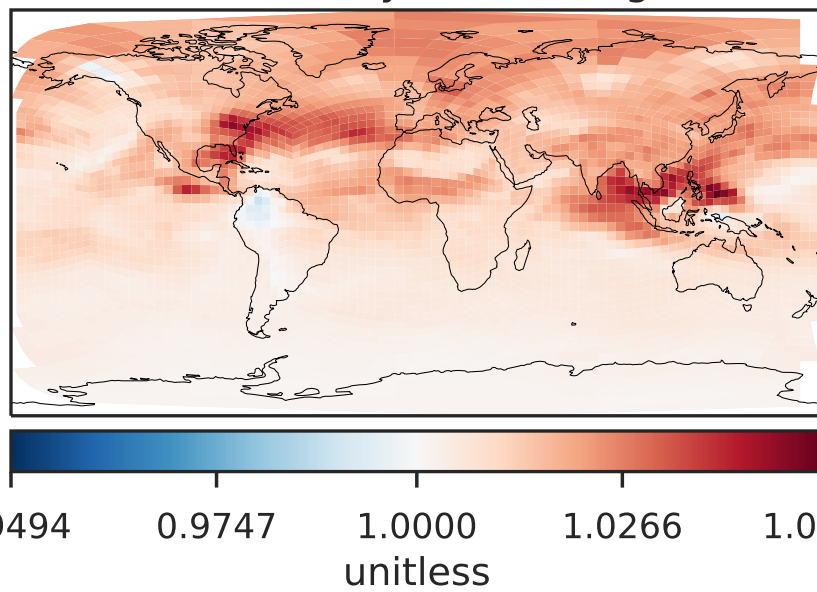
Difference
Dev - Ref, Dynamic Range



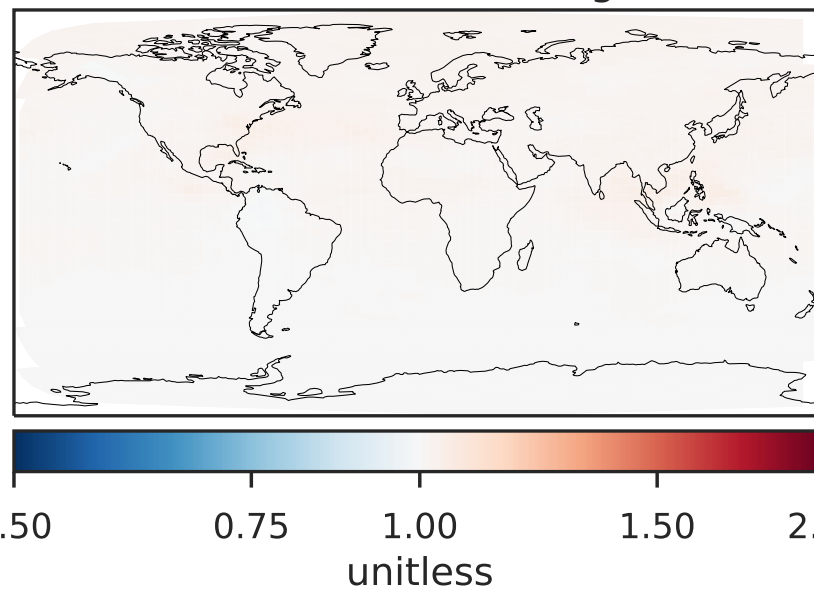
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

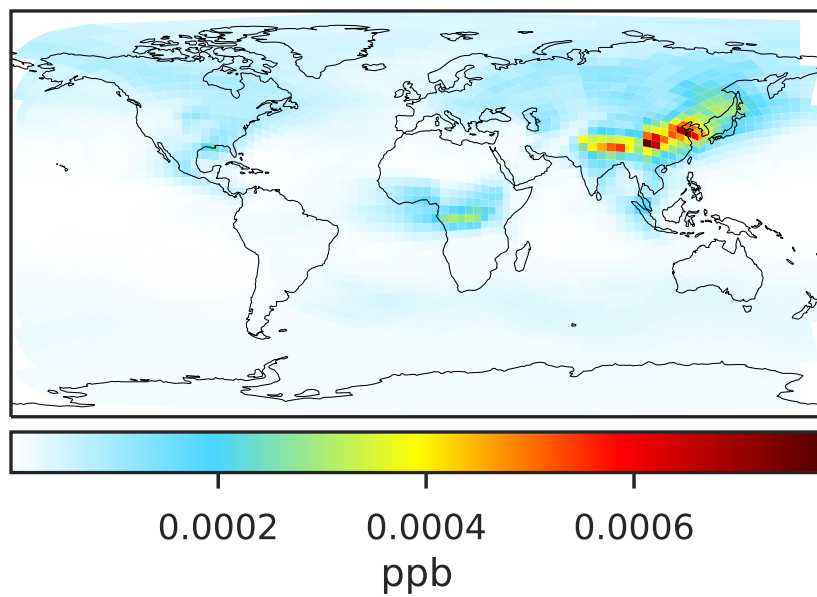


Ratio
Dev/Ref, Fixed Range

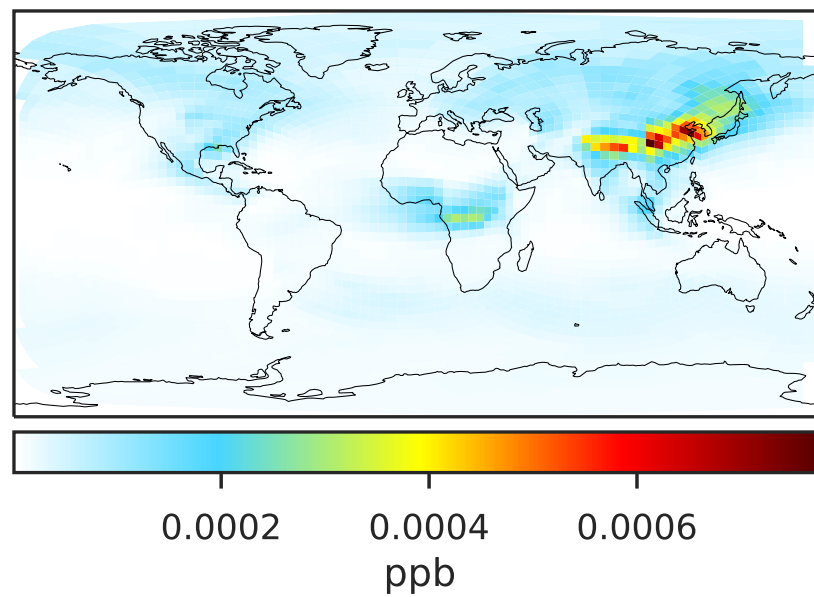


SpeciesConcVV_BZPAN

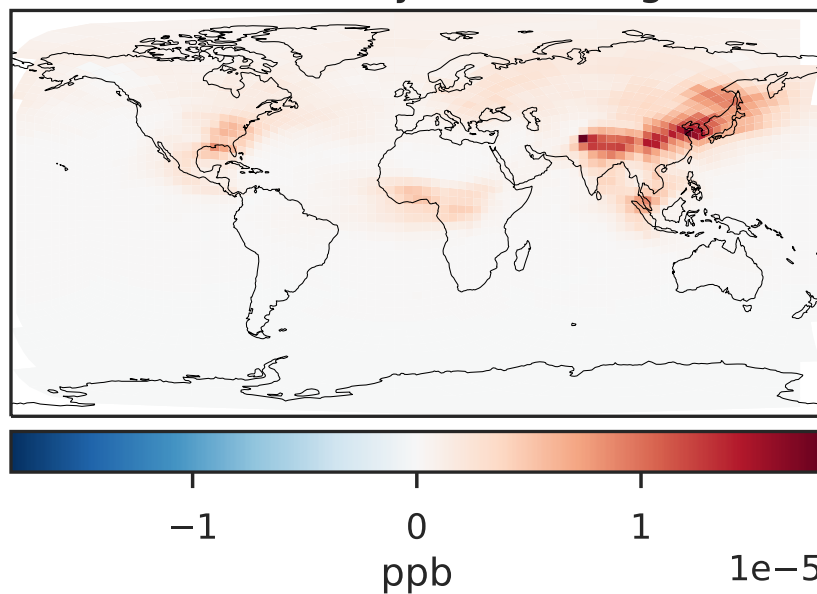
Fast-JX in 14.3.0 (Ref)
c24



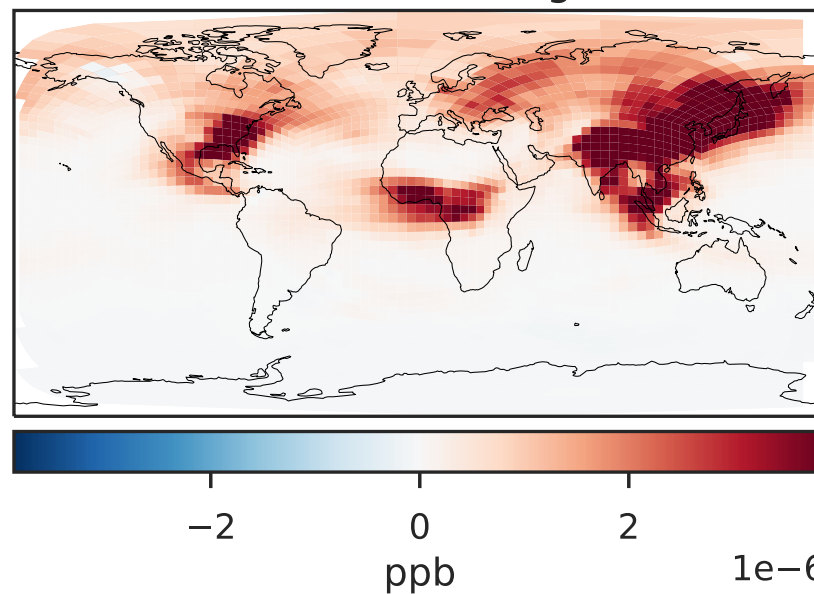
Cloud-J in 14.3.0 (Dev)
c24



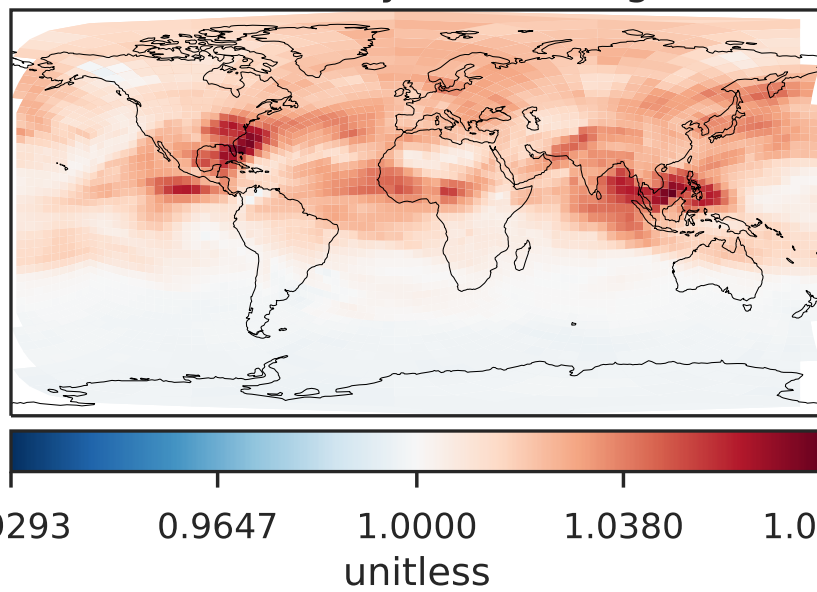
Difference
Dev - Ref, Dynamic Range



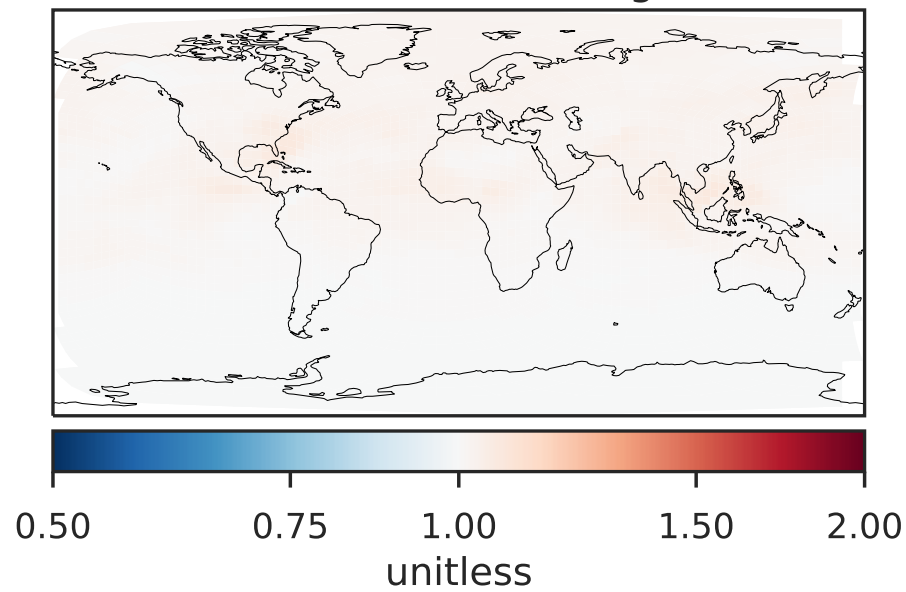
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

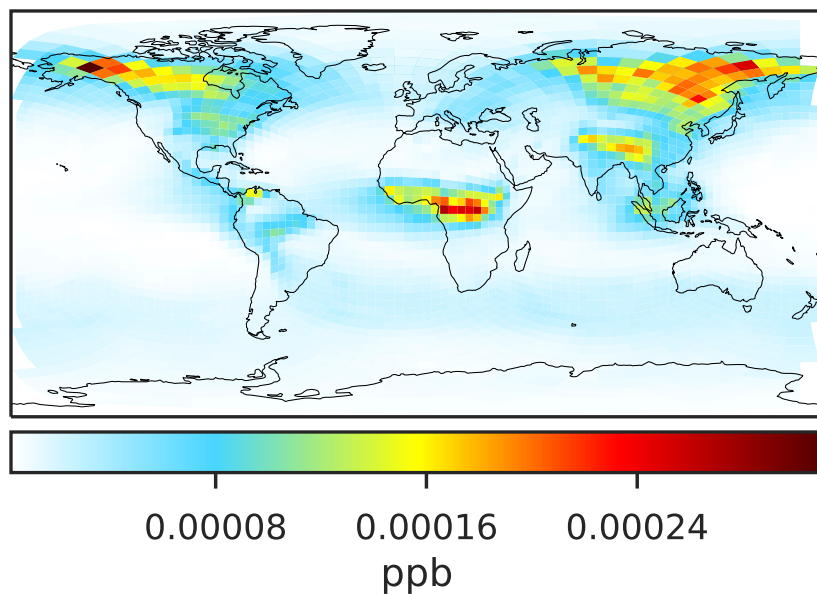


Ratio
Dev/Ref, Fixed Range

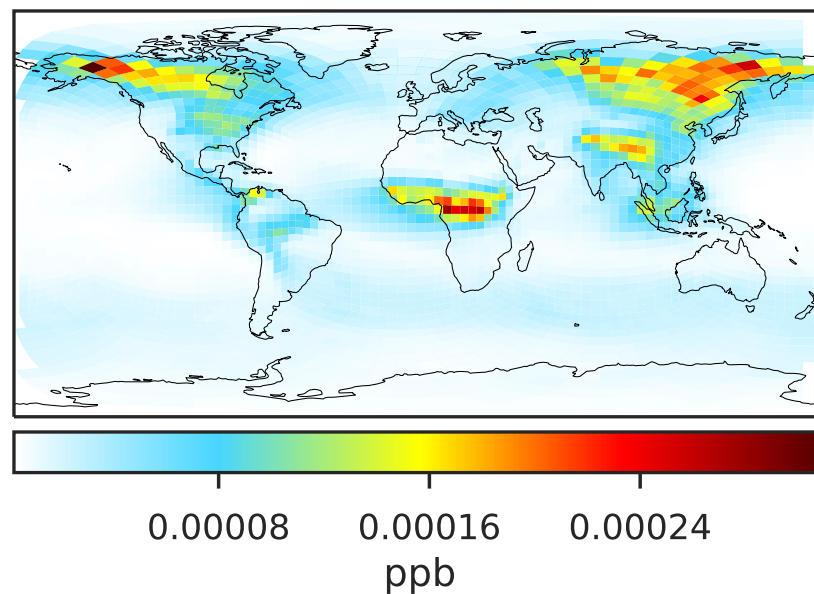


SpeciesConcVV_NPHEN

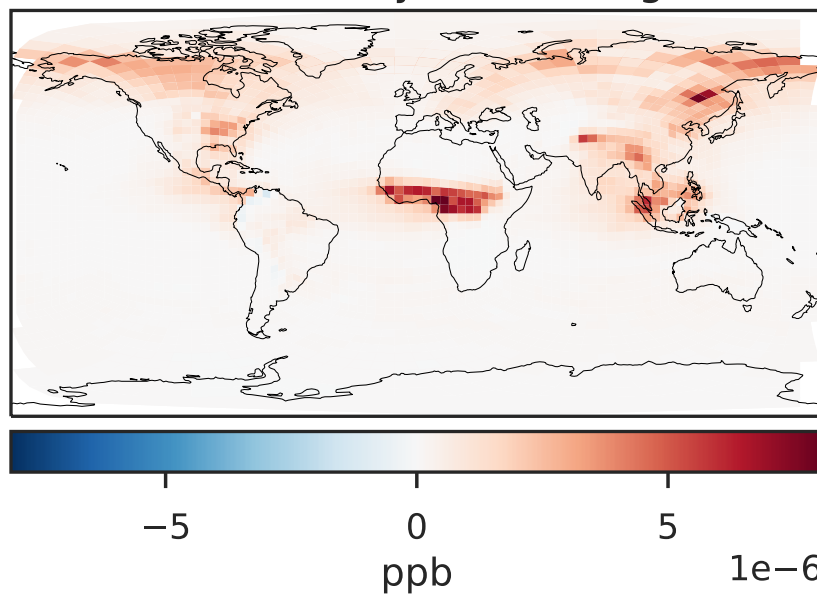
Fast-JX in 14.3.0 (Ref)
c24



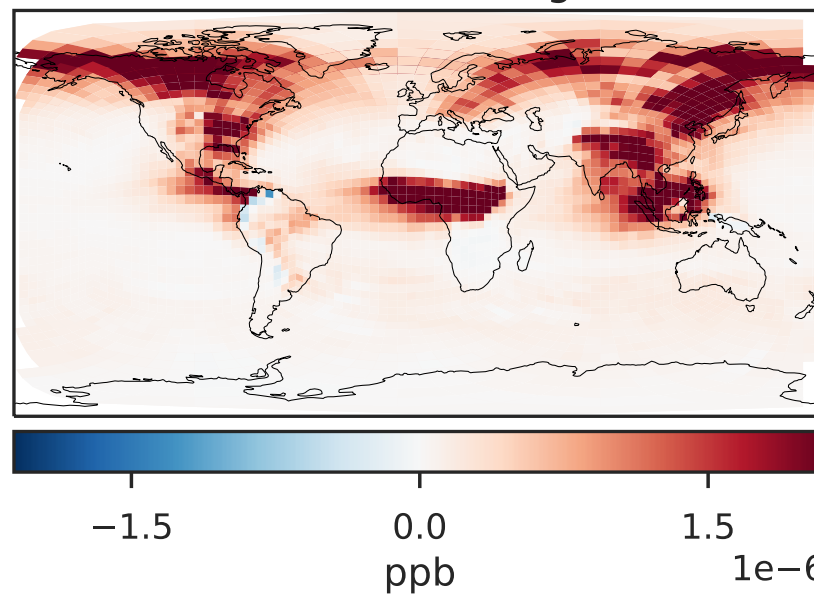
Cloud-J in 14.3.0 (Dev)
c24



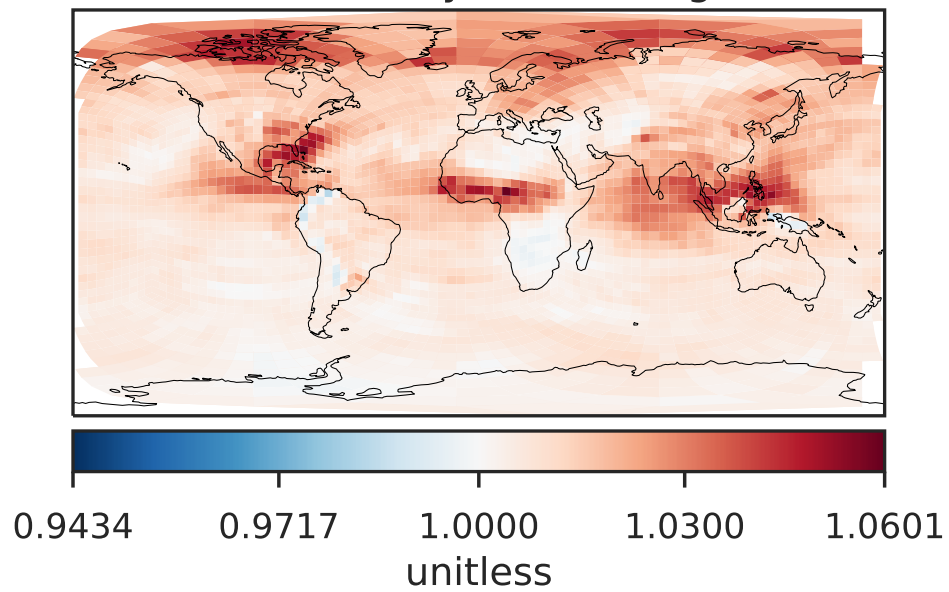
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

